

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012285.D
 Acq On : 17 Oct 2020 02:07
 Operator : CG/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 17 03:22:08 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 23:42:05 2020
 Response via : Initial Calibration

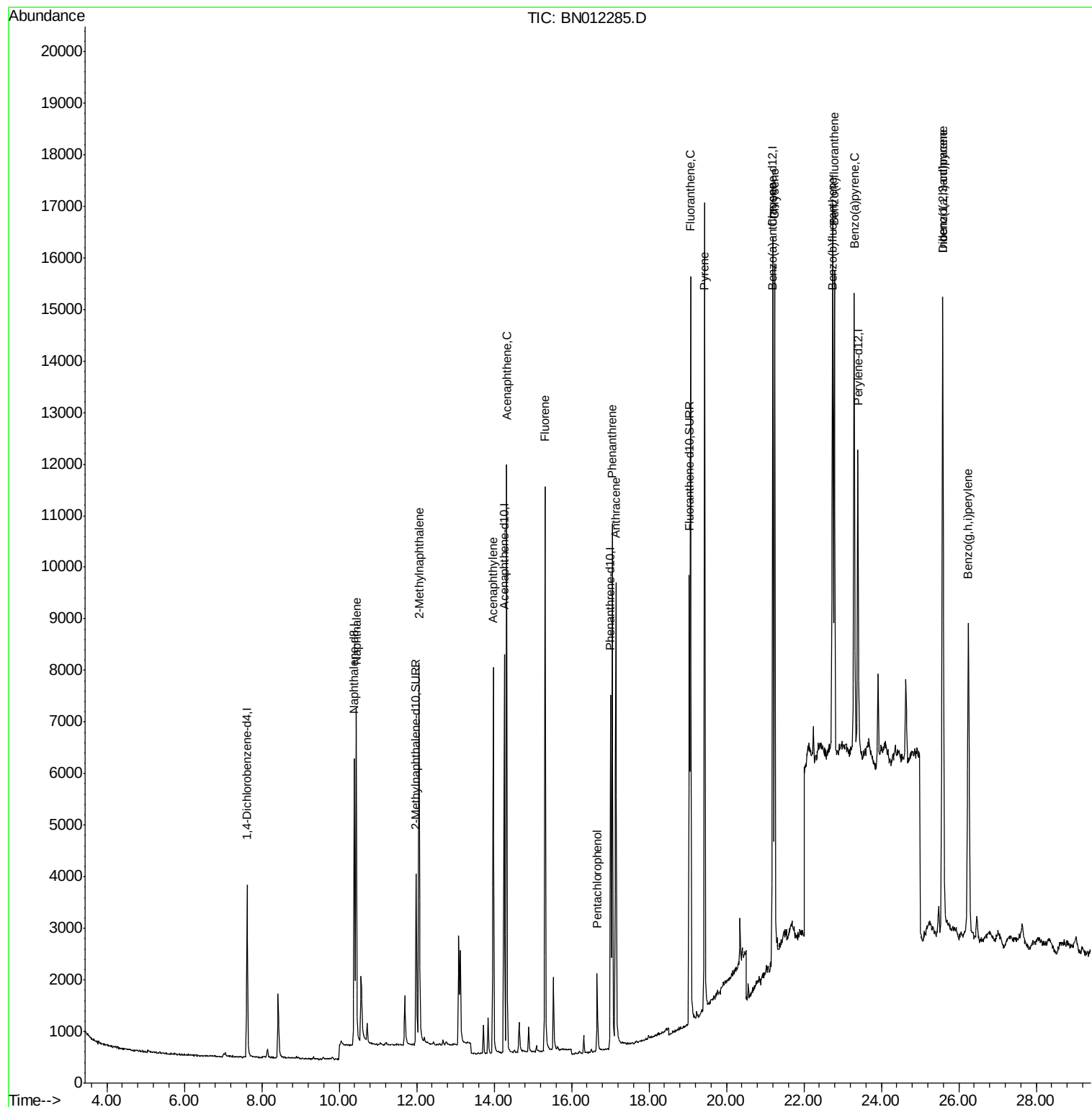
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1836	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7920	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4333	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8469	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7014	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7065	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	5019	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	9424	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	9203	0.403	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	6039	0.416	ng/ul	100
7) Acenaphthylene	13.98	152	8675	0.462	ng/ul	98
8) Acenaphthene	14.32	153	6621	0.417	ng/ul	99
9) Fluorene	15.31	166	7223	0.408	ng/ul	98
11) Pentachlorophenol	16.66	266	1142	0.467	ng/ul	100
12) Phenanthrene	17.05	178	11013	0.408	ng/ul	98
13) Anthracene	17.14	178	10637	0.459	ng/ul	98
15) Fluoranthene	19.07	202	13009	0.412	ng/ul	99
17) Pyrene	19.44	202	13365	0.423	ng/ul	98
18) Benzo(a)anthracene	21.19	228	11322	0.436	ng/ul	95
19) Chrysene	21.24	228	11918	0.377	ng/ul	96
21) Benzo(b)fluoranthene	22.74	252	11590	0.406	ng/ul	83
22) Benzo(k)fluoranthene	22.78	252	11914	0.377	ng/ul#	91
23) Benzo(a)pyrene	23.30	252	11237	0.405	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.58	276	14229	0.399	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	11443	0.401	ng/ul#	93
26) Benzo(g,h,i)perylene	26.25	276	12258	0.375	ng/ul#	89

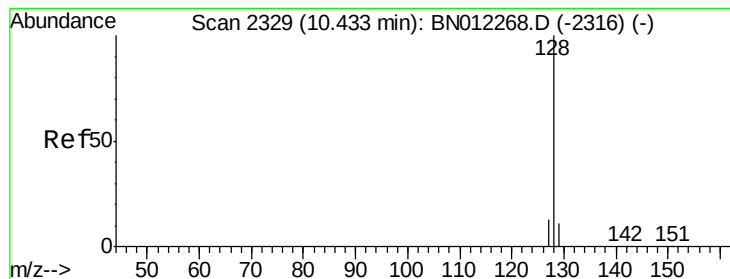
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.403 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

Instrument :

BNA_N

ClientSampleId :

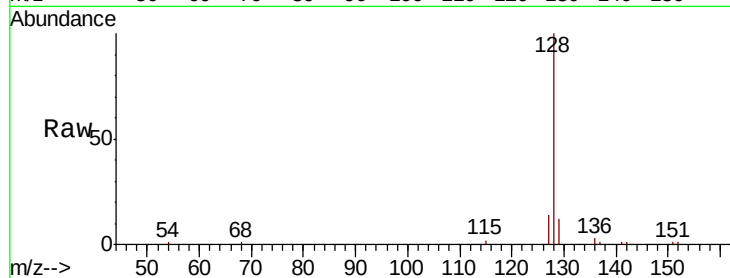
Tot Ion:128 Resp: 9203

Ion Ratio Lower Upper

128 100

129 12.2 10.3 15.5

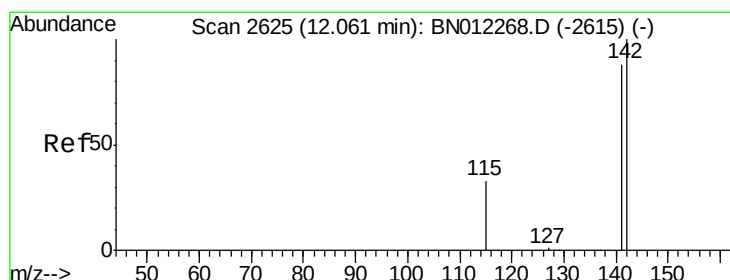
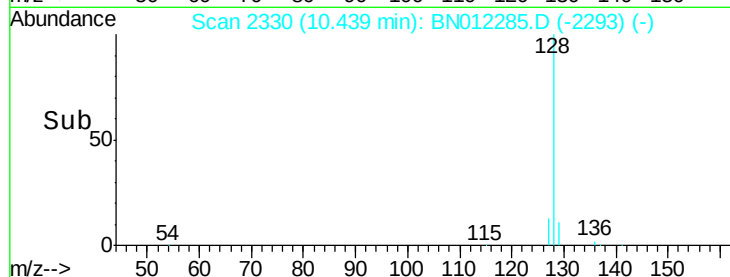
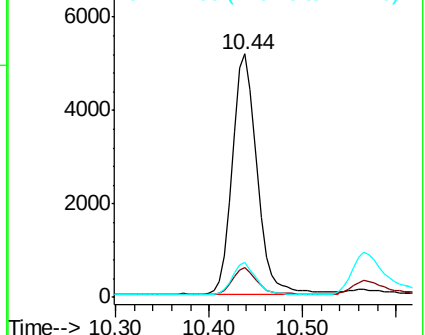
127 14.4 11.9 17.9



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: 0.416 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN012285.D

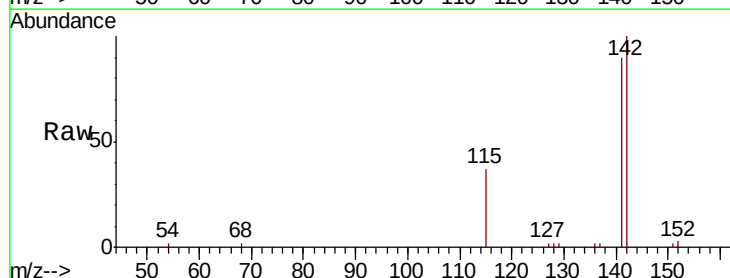
Acq: 17 Oct 2020 02:07

Tgt Ion:142 Resp: 6039

Ion Ratio Lower Upper

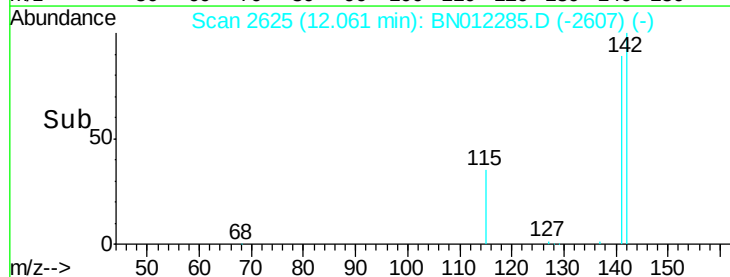
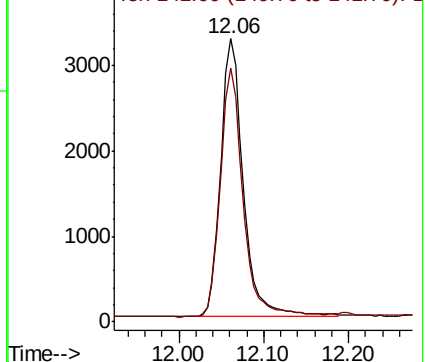
142 100

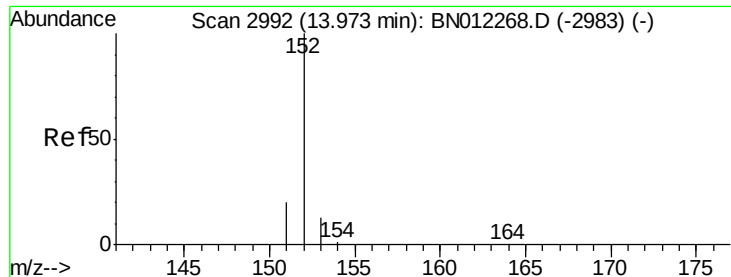
141 89.7 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.462 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

Instrument :

BNA_N

ClientSampleId :

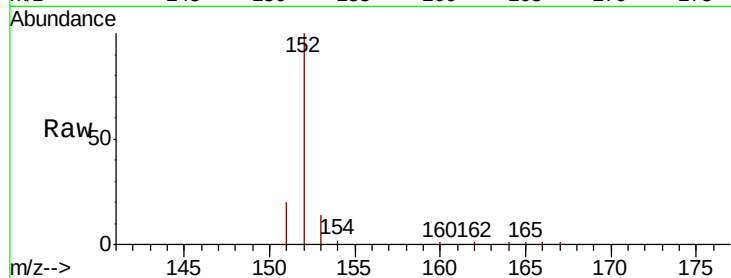
Tot Ion:152 Resp: 8675

Ion Ratio Lower Upper

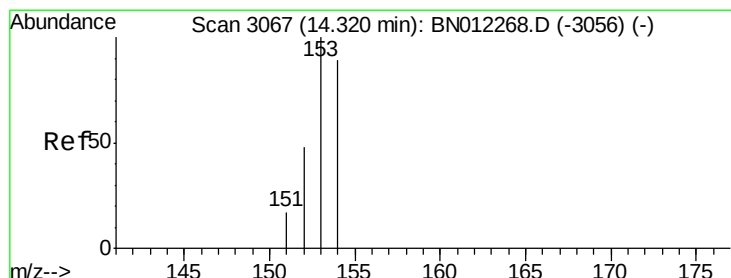
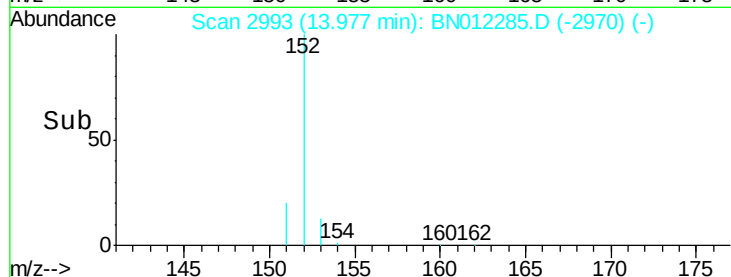
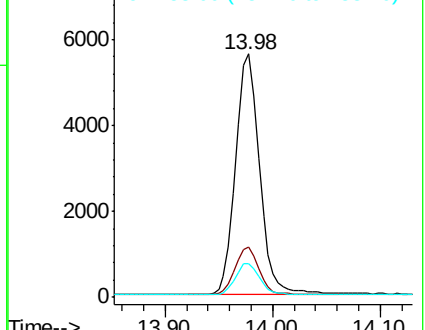
152 100

151 20.4 16.7 25.1

153 13.8 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: 0.417 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

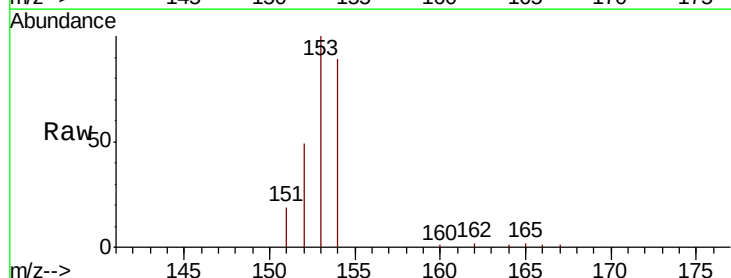
Tgt Ion:153 Resp: 6621

Ion Ratio Lower Upper

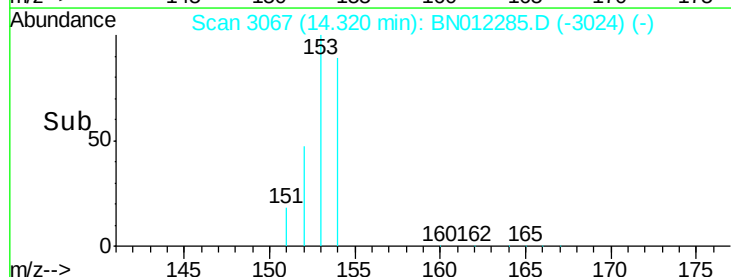
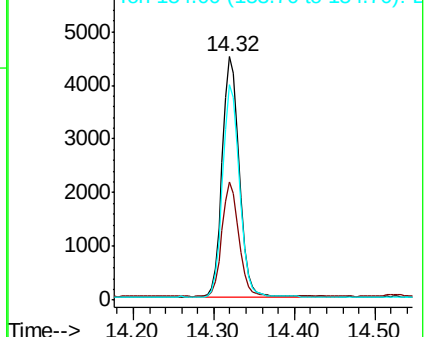
153 100

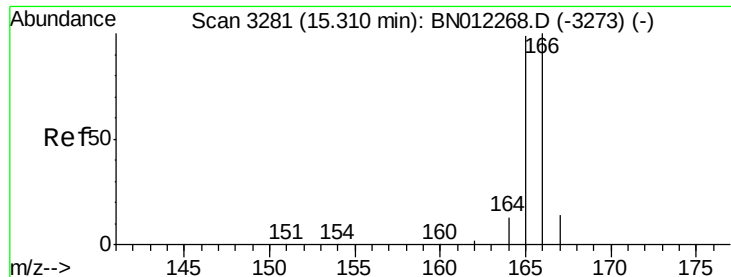
152 48.6 38.2 57.2

154 88.7 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

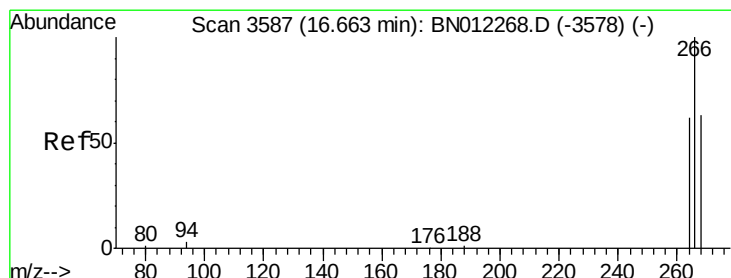
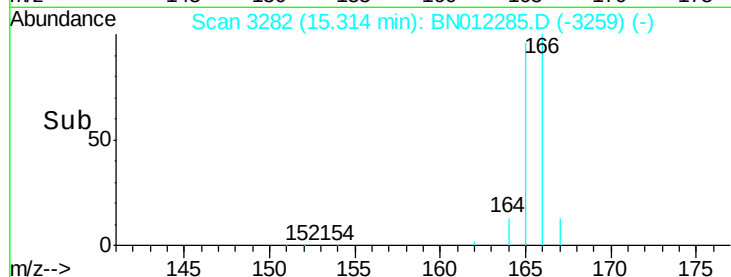
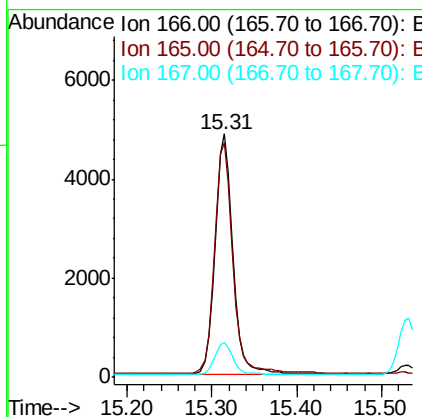
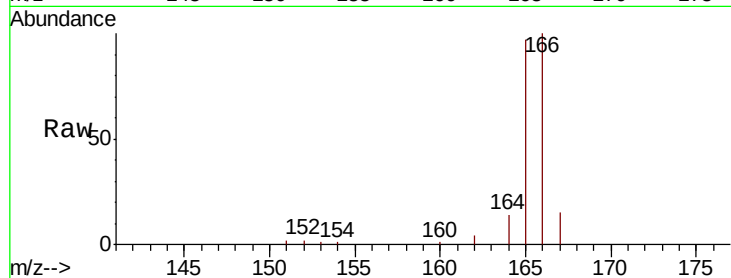




#9
Fluorene
 Concen: 0.408 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. 0.00 min
 Lab File: BN012285.D
 Acq: 17 Oct 2020 02:07

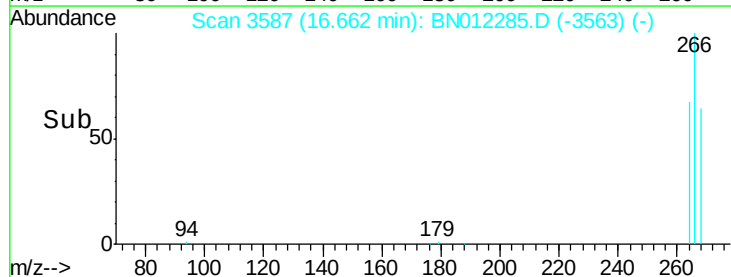
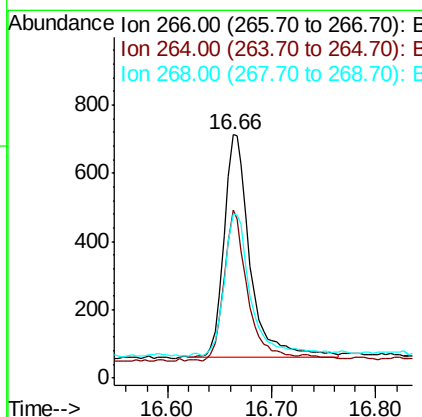
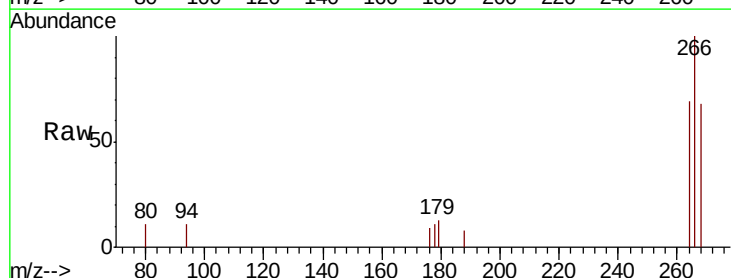
Instrument :
 BNA_N
 ClientSampleId :

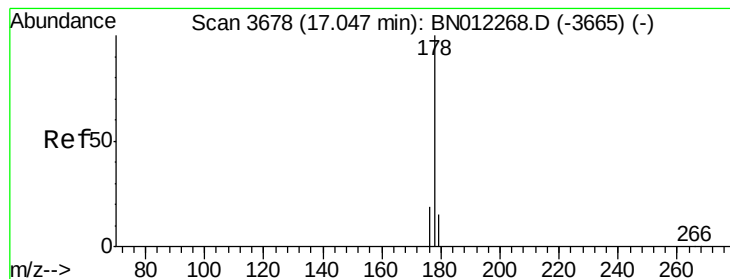
Tot Ion:166 Resp: 7223
 Ion Ratio Lower Upper
 166 100
 165 96.6 78.6 118.0
 167 14.5 11.9 17.9



#11
Pentachlorophenol
 Concen: 0.467 ng/ul
 RT: 16.66 min Scan# 3587
 Delta R.T. -0.00 min
 Lab File: BN012285.D
 Acq: 17 Oct 2020 02:07

Tgt Ion:266 Resp: 1142
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.3 75.5
 268 65.8 52.4 78.6





#12

Phenanthrene

Concen: 0.408 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

Instrument :

BNA_N

ClientSampleId :

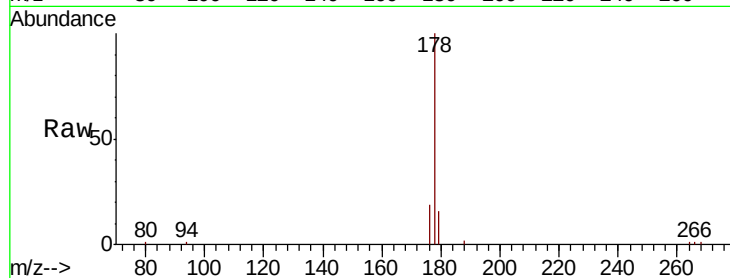
Tot Ion:178 Resp: 11013

Ion Ratio Lower Upper

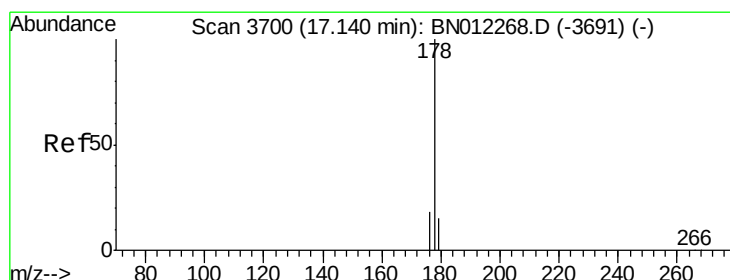
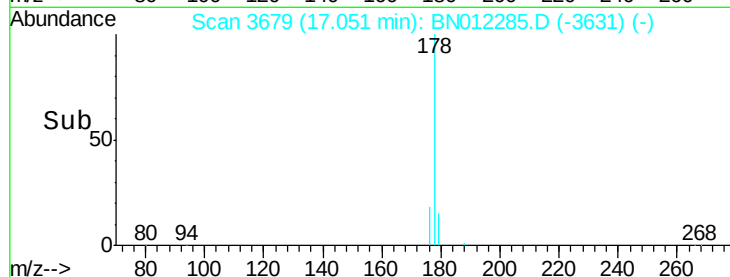
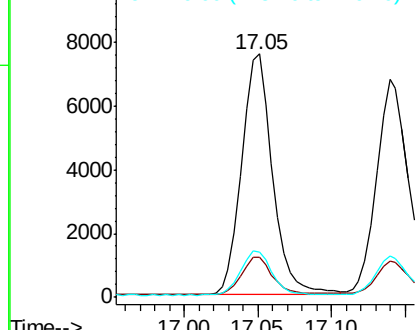
178 100

179 16.3 13.4 20.2

176 18.7 15.7 23.5



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: 0.459 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

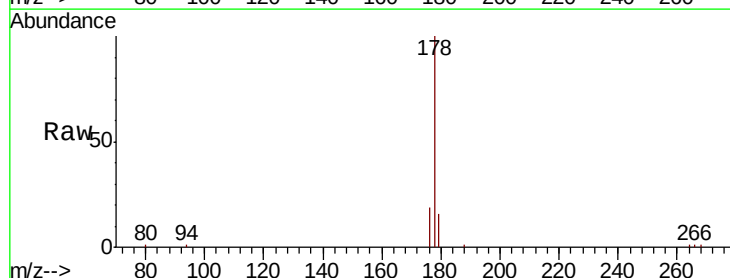
Tgt Ion:178 Resp: 10637

Ion Ratio Lower Upper

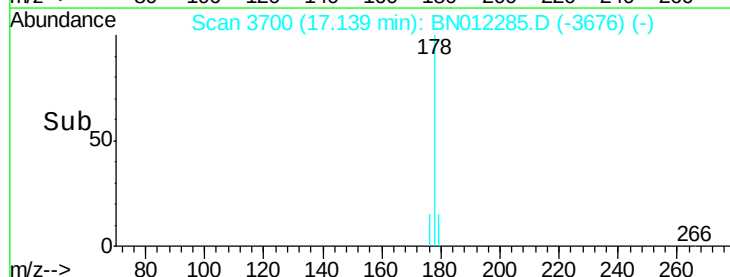
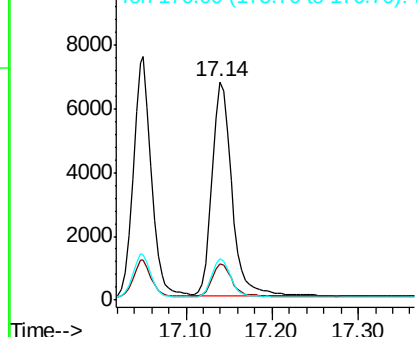
178 100

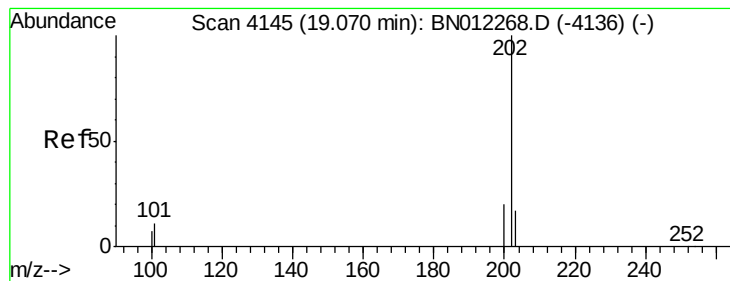
179 16.4 13.9 20.9

176 18.7 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





#15

Fluoranthene

Concen: 0.412 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

Instrument :

BNA_N

ClientSampleId :

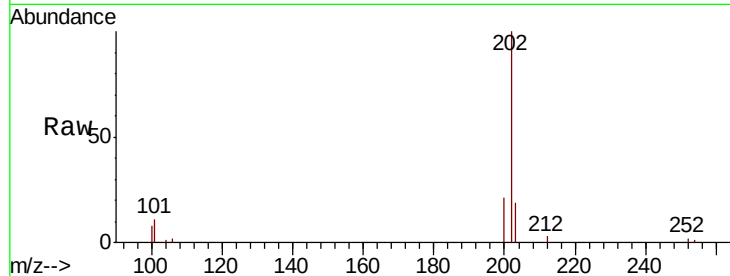
Tot Ion:202 Resp: 13009

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.0

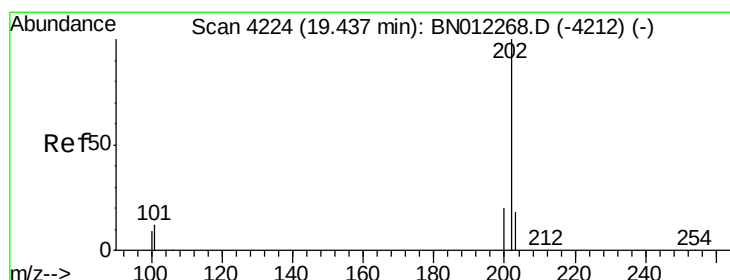
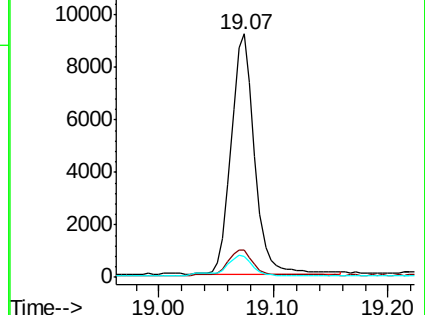
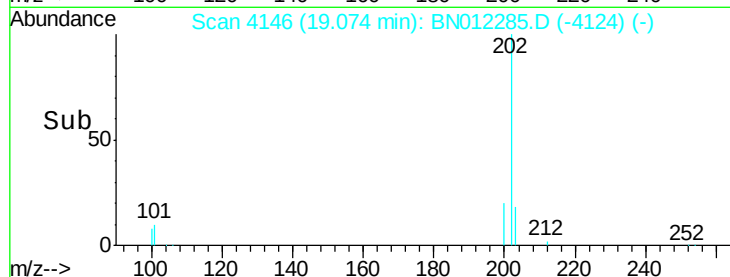
100 8.4 0.0 28.7



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: 0.423 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

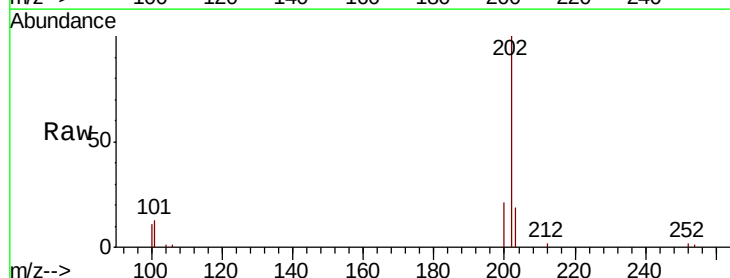
Tgt Ion:202 Resp: 13365

Ion Ratio Lower Upper

202 100

101 13.3 9.9 14.9

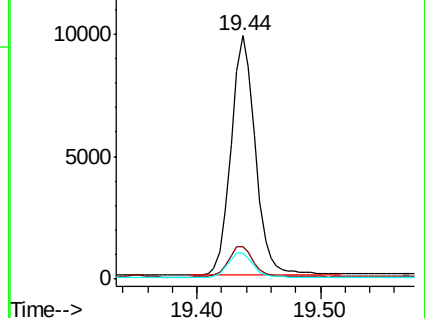
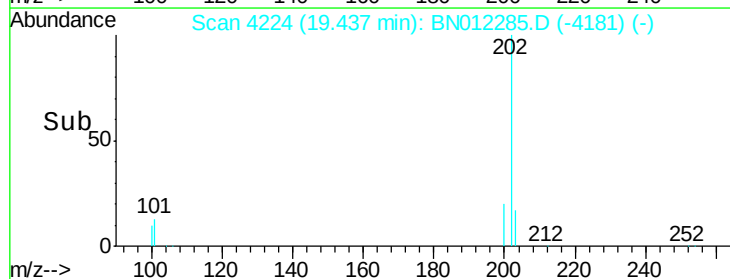
100 10.6 8.0 12.0

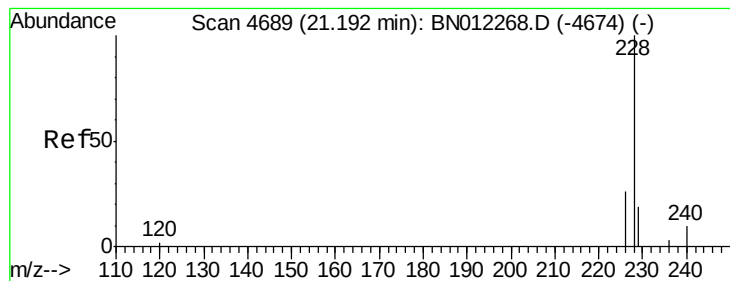


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.436 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

Instrument :

BNA_N

ClientSampleId :

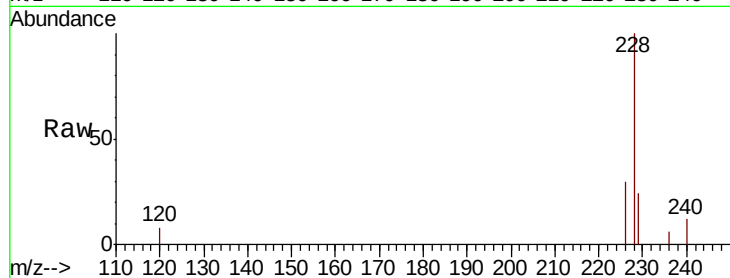
Tot Ion:228 Resp: 11322

Ion Ratio Lower Upper

228 100

229 23.7 15.8 23.8

226 29.8 22.6 33.8

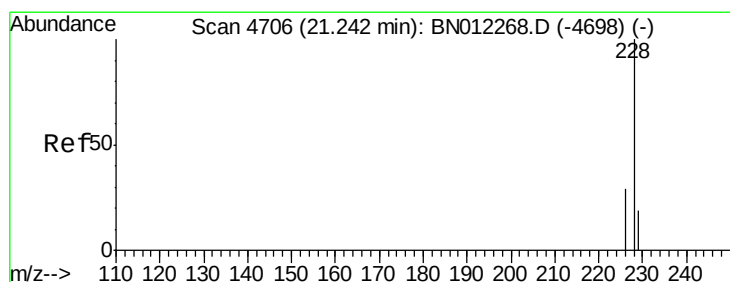
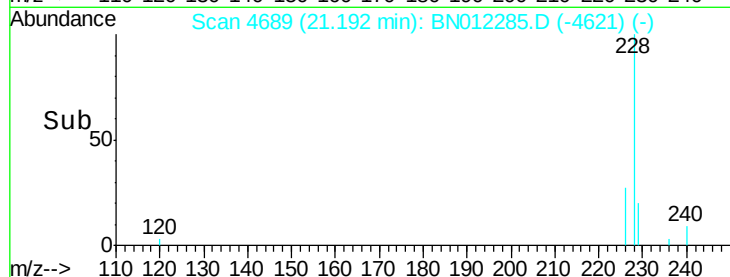
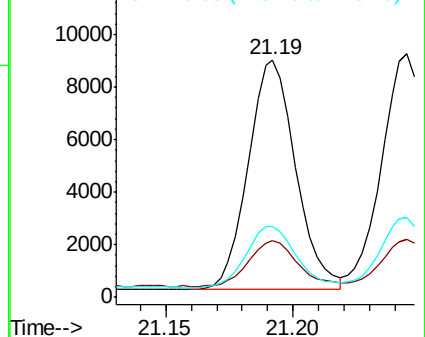


Abundance

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: 0.377 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. 0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

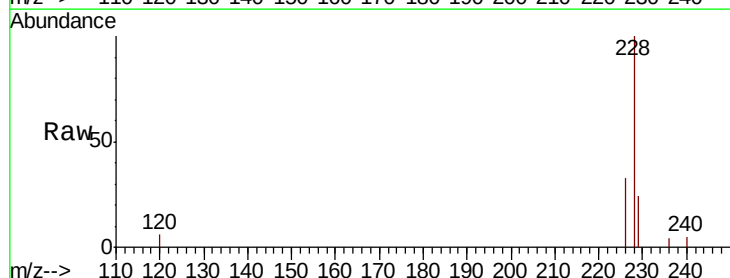
Tgt Ion:228 Resp: 11918

Ion Ratio Lower Upper

228 100

226 32.7 24.6 37.0

229 24.0 17.0 25.6

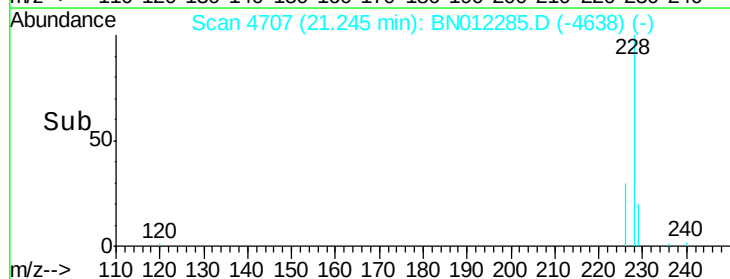
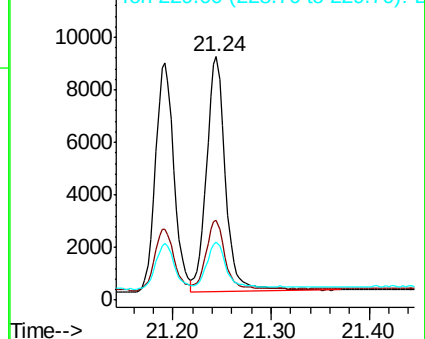


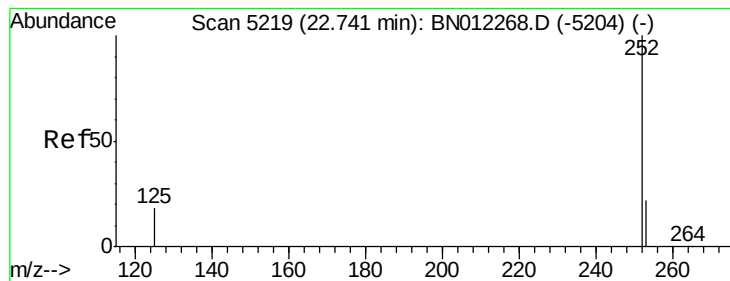
Abundance

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: 0.406 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

Instrument :

BNA_N

ClientSampleId :

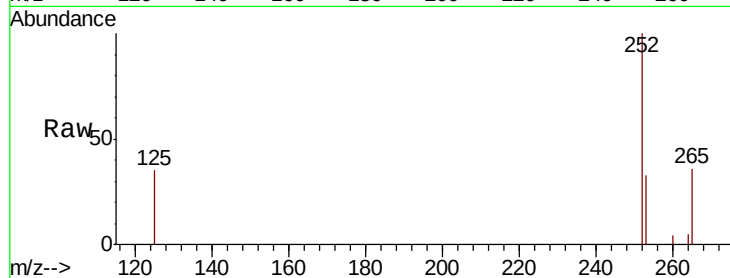
Tot Ion:252 Resp: 11590

Ion Ratio Lower Upper

252 100

253 33.2 0.0 61.6

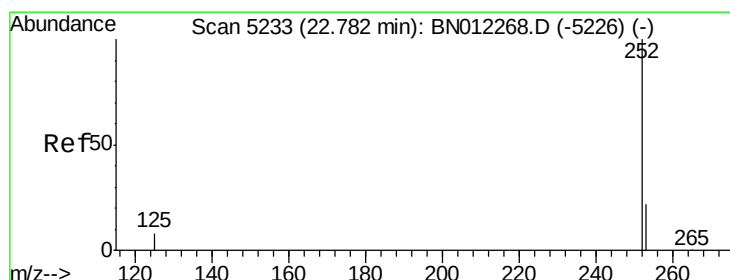
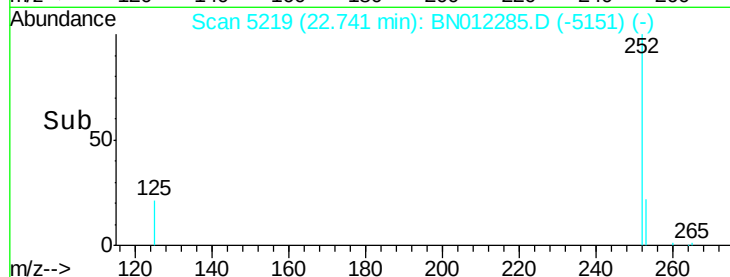
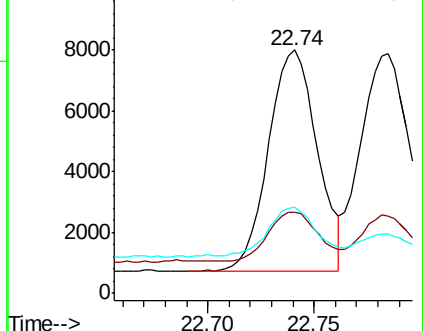
125 35.2 0.0 36.8



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: 0.377 ng/ul

RT: 22.78 min Scan# 5234

Delta R.T. 0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

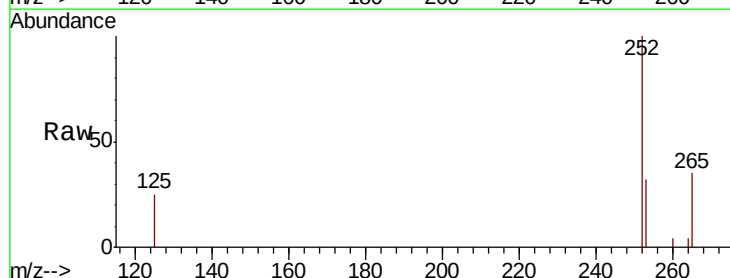
Tgt Ion:252 Resp: 11914

Ion Ratio Lower Upper

252 100

253 32.3 24.4 36.6

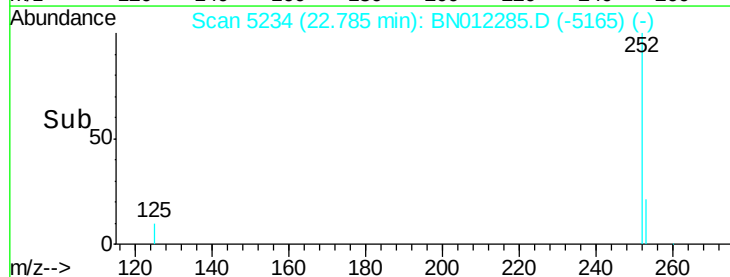
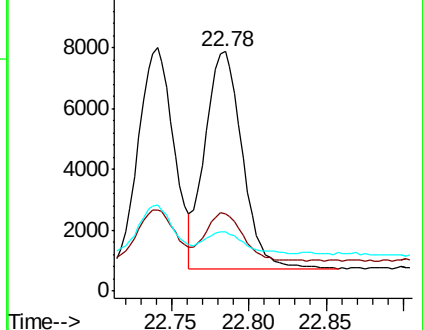
125 24.6 12.9 19.3#

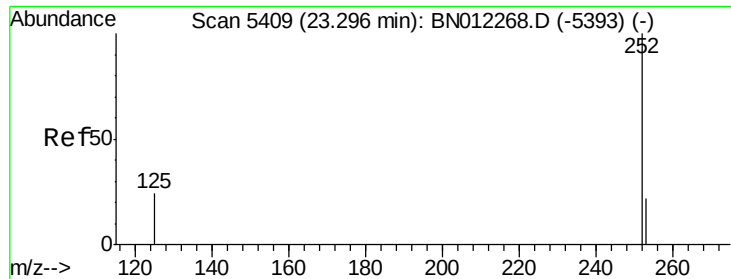


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. 0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

Instrument :

BNA_N

ClientSampleId :

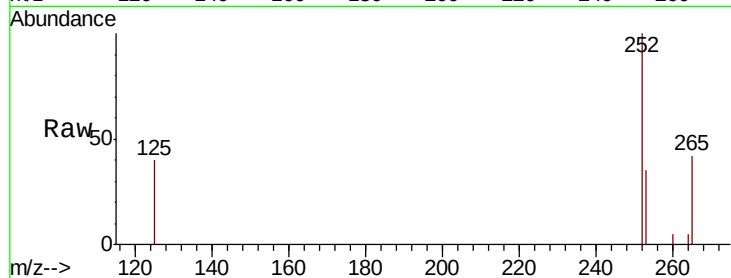
Tot Ion:252 Resp: 11237

Ion Ratio Lower Upper

252 100

253 35.1 27.0 40.4

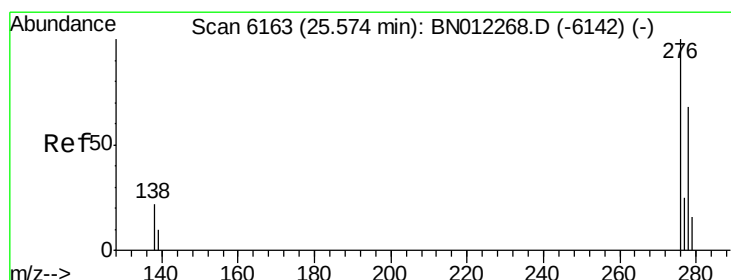
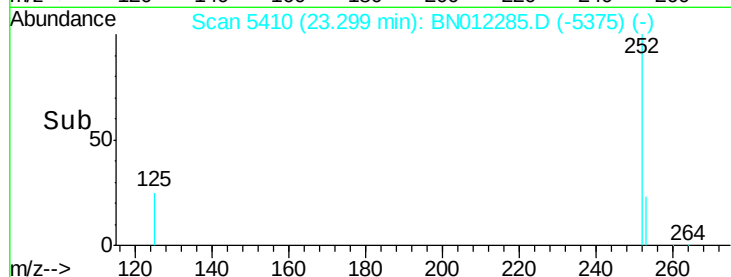
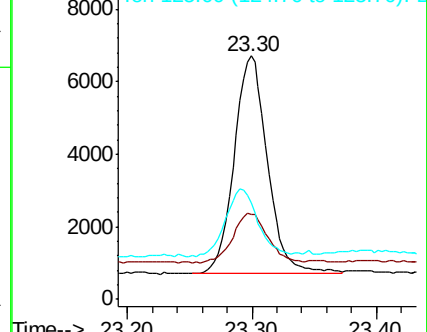
125 39.6 18.8 28.2#



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: 0.399 ng/ul

RT: 25.58 min Scan# 6165

Delta R.T. 0.01 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

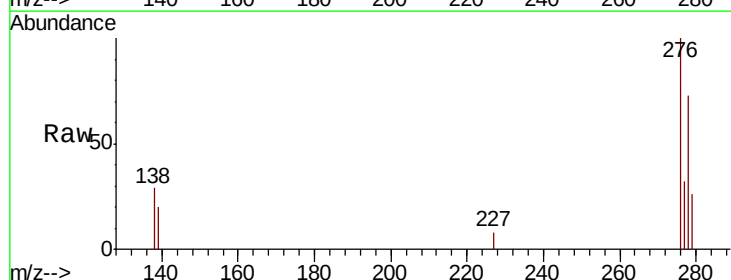
Tgt Ion:276 Resp: 14229

Ion Ratio Lower Upper

276 100

138 23.3 0.0 0.0#

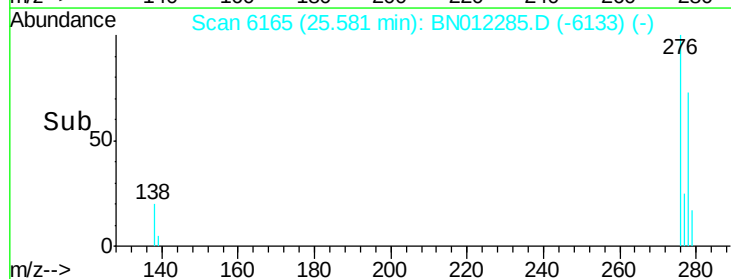
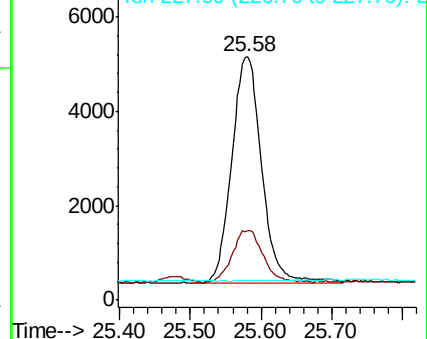
227 0.1 0.0 0.0#

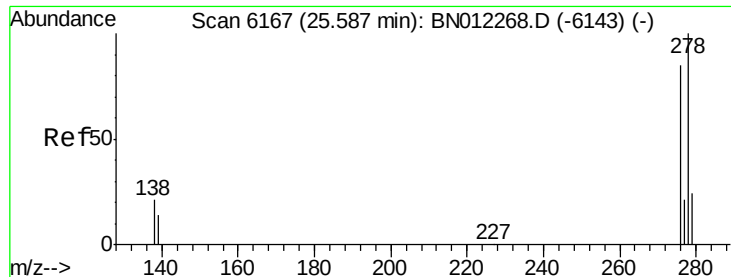


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.401 ng/ul

RT: 25.59 min Scan# 6168

Delta R.T. 0.00 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

Instrument :

BNA_N

ClientSampleId :

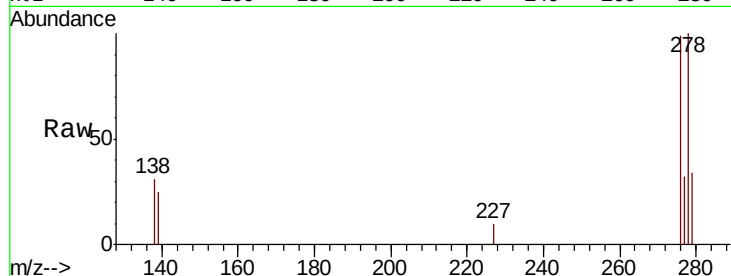
Tot Ion:278 Resp: 11443

Ion Ratio Lower Upper

278 100

139 25.2 15.7 23.5#

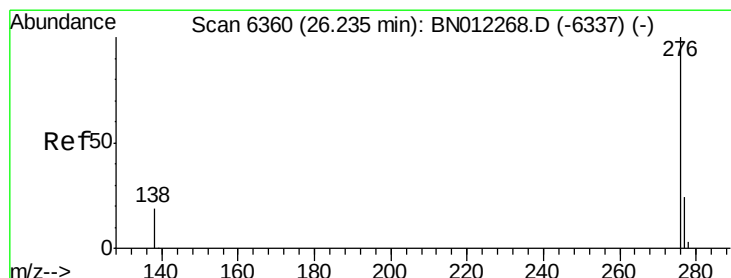
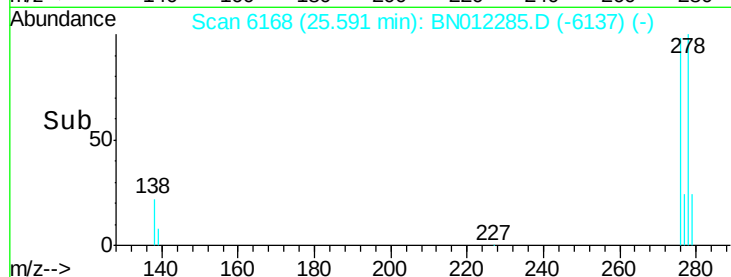
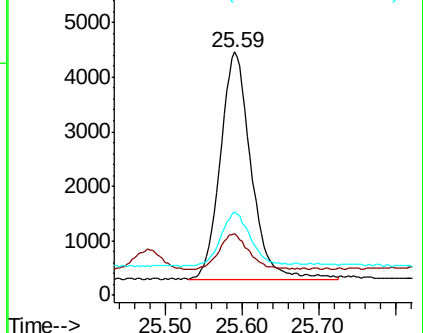
279 34.4 26.0 39.0



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(g,h,i)perylene

Concen: 0.375 ng/ul

RT: 26.25 min Scan# 6364

Delta R.T. 0.01 min

Lab File: BN012285.D

Acq: 17 Oct 2020 02:07

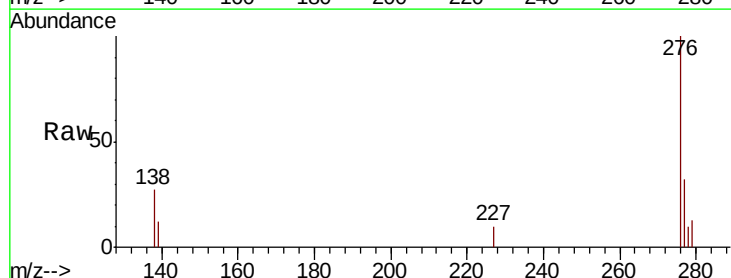
Tgt Ion:276 Resp: 12258

Ion Ratio Lower Upper

276 100

138 26.9 17.1 25.7#

277 31.6 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

