

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012924.D
 Acq On : 06 Dec 2020 19:05
 Operator : CG/JU
 Sample : L4864-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B00

Quant Time: Dec 07 03:09:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 03:06:53 2020
 Response via : Initial Calibration

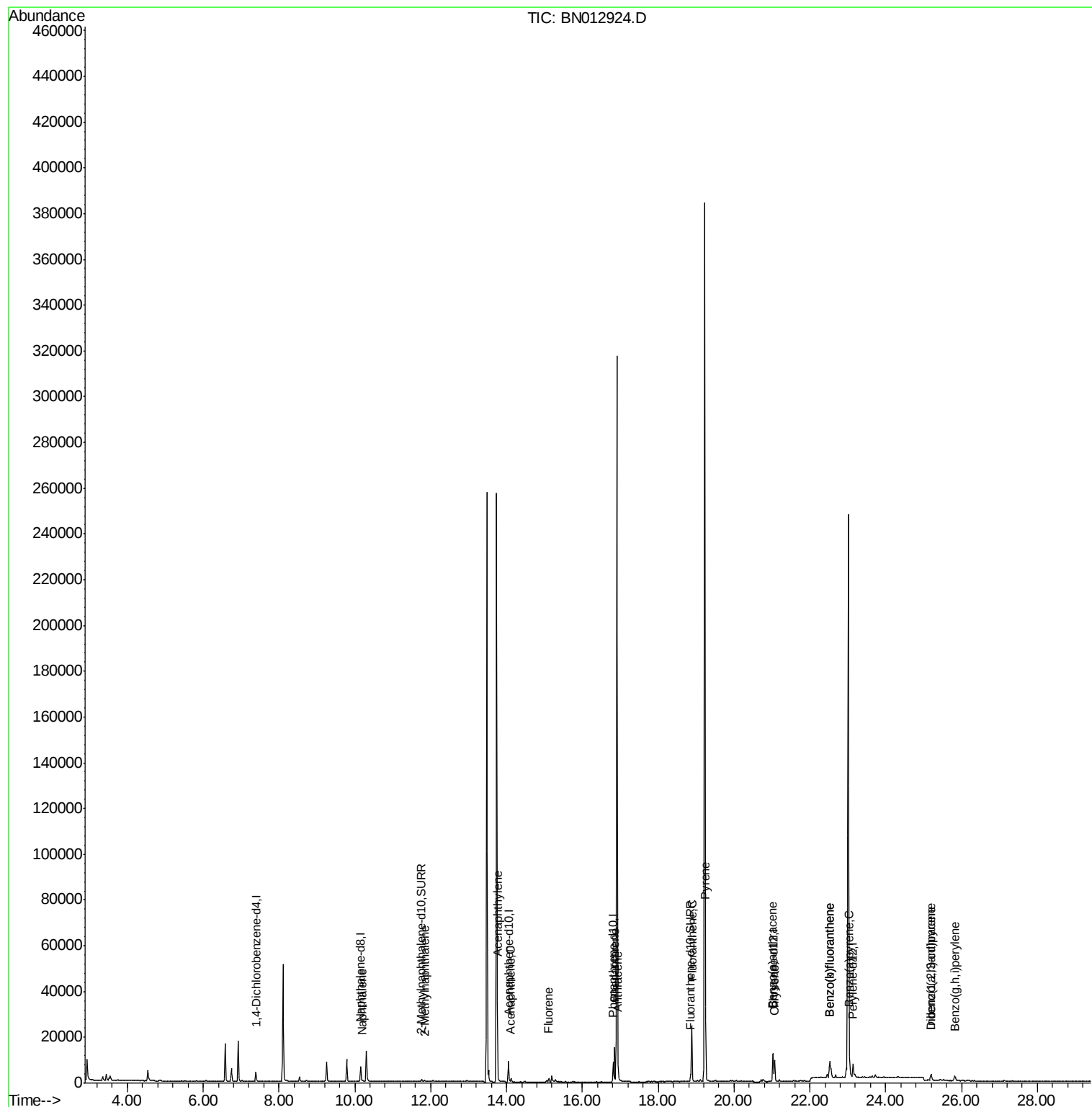
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	2044	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	8531	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4722	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	9968	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	7697	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6837	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1573	0.12	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	3520	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	794	0.032	ng/ul#	93
5) 2-Methylnaphthalene	11.84	142	358	0.022	ng/ul	95
7) Acenaphthylene	13.77	152	589	0.026	ng/ul#	82
8) Acenaphthene	14.12	153	831	0.045	ng/ul	96
9) Fluorene	15.12	166	942	0.045	ng/ul#	97
12) Phenanthrene	16.85	178	15282	0.457	ng/ul	97
13) Anthracene	16.95	178	3136	0.110	ng/ul	98
15) Fluoranthene	18.89	202	21239	0.535	ng/ul	98
17) Pyrene	19.25	202	18508	0.509	ng/ul	96
18) Benzo(a)anthracene	21.02	228	8901	0.280	ng/ul	99
19) Chrysene	21.07	228	8644	0.246	ng/ul	97
21) Benzo(b)fluoranthene	22.52	252	15024	0.475	ng/ul	94
22) Benzo(k)fluoranthene	22.52	252	15024	0.430	ng/ul#	96
23) Benzo(a)pyrene	23.05	252	7100	0.242	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.19	276	4232	0.110	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.20	278	1102	0.036	ng/ul#	38
26) Benzo(a,h,i)perylene	25.82	276	4038	0.116	ng/ul#	91

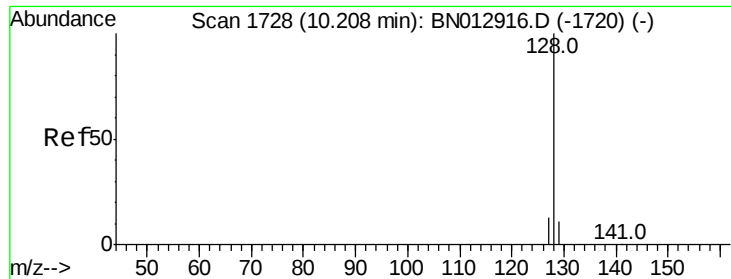
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

ClientSampleId :

C0B00

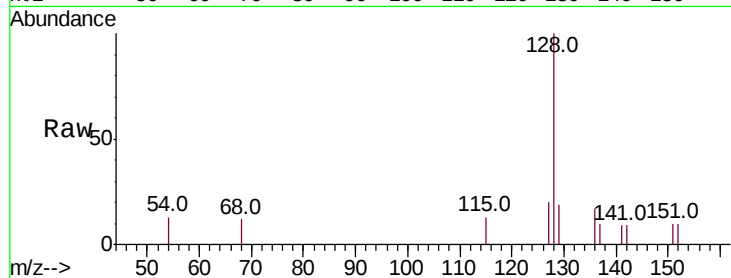
Tot Ion:128 Resp: 794

Ion Ratio Lower Upper

128 100

129 19.5 12.3 18.5#

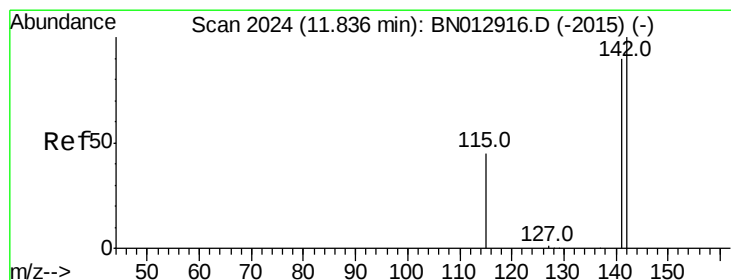
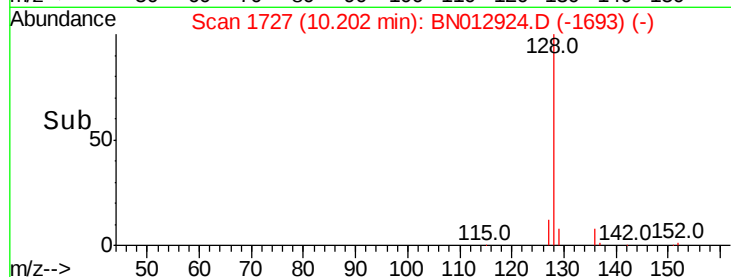
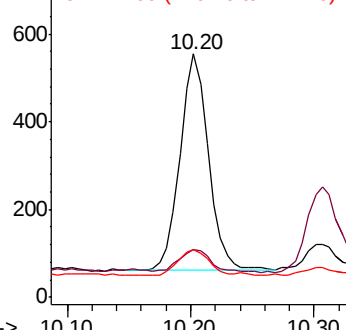
127 19.8 14.2 21.4



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: 0.022 ng/ul

RT: 11.84 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BN012924.D

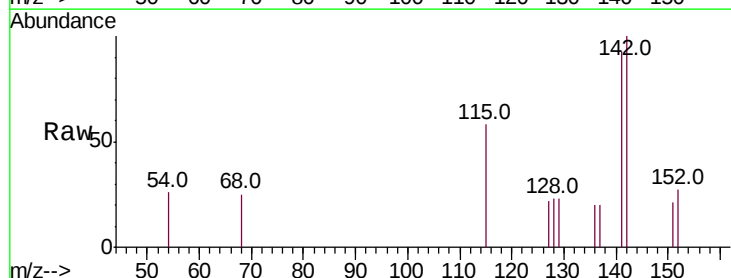
Acq: 06 Dec 2020 19:05

Tgt Ion:142 Resp: 358

Ion Ratio Lower Upper

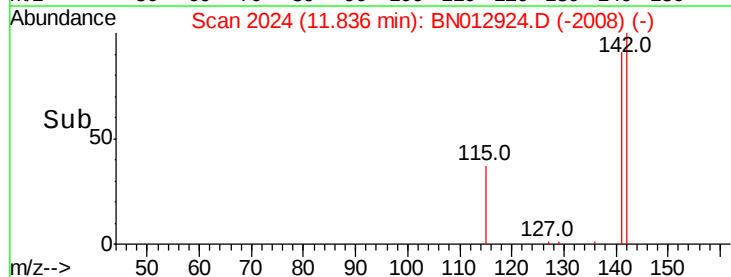
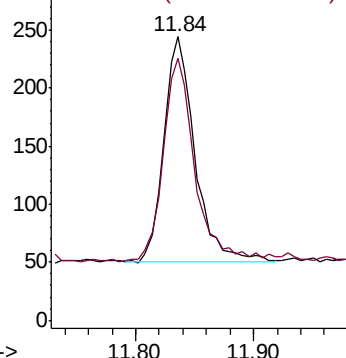
142 100

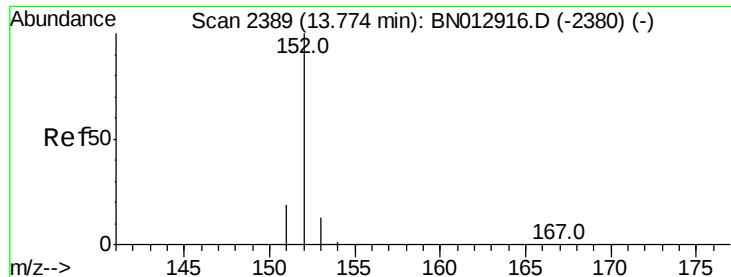
141 96.4 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

ClientSampled :

C0B00

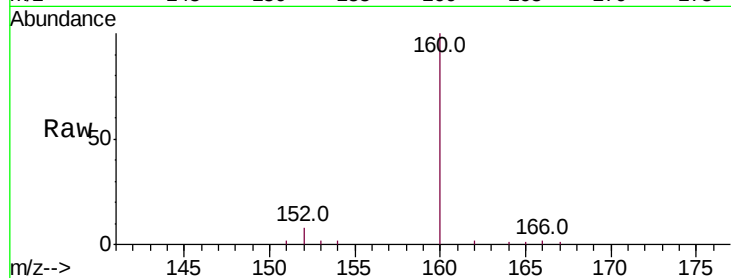
Tot Ion:152 Resp: 589

Ion Ratio Lower Upper

152 100

151 30.6 18.2 27.4#

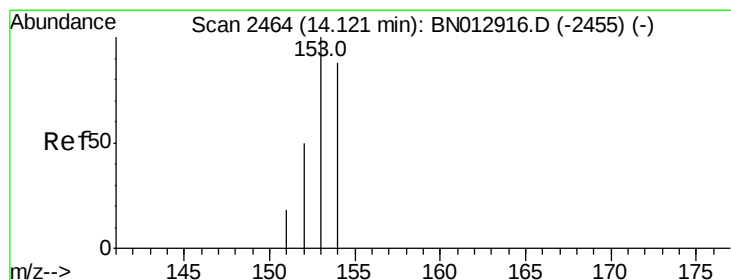
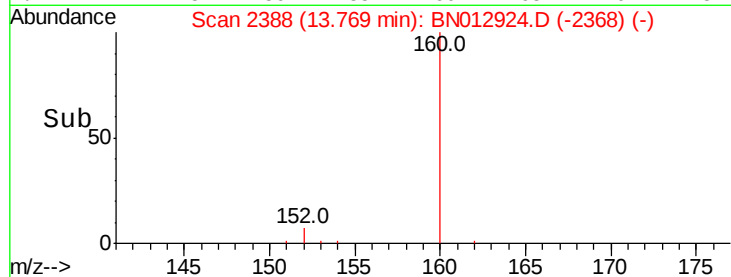
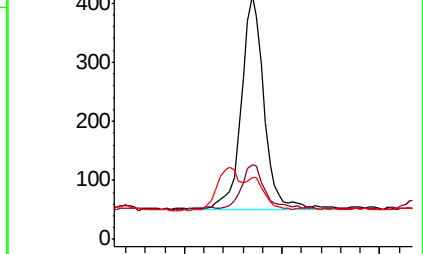
153 25.7 13.1 19.7#



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: 0.045 ng/ul

RT: 14.12 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

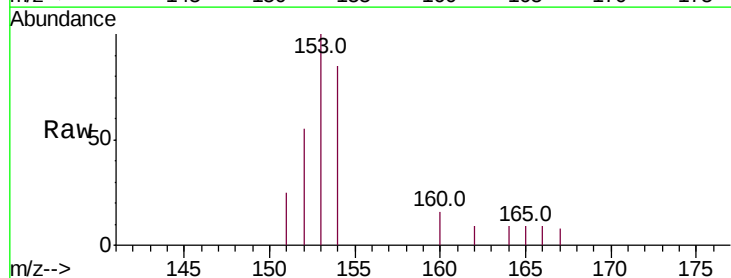
Tgt Ion:153 Resp: 831

Ion Ratio Lower Upper

153 100

152 54.8 40.7 61.1

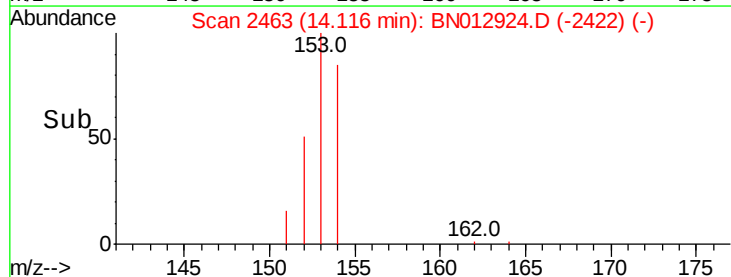
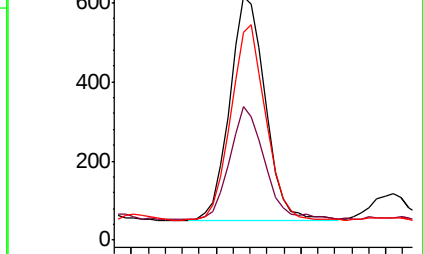
154 85.4 70.8 106.2

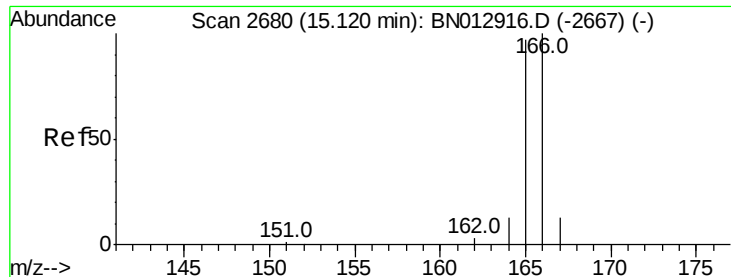


Abundance Ion 153.00 (152.70 to 153.70): E

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: 15.12 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

ClientSampleId :

C0B00

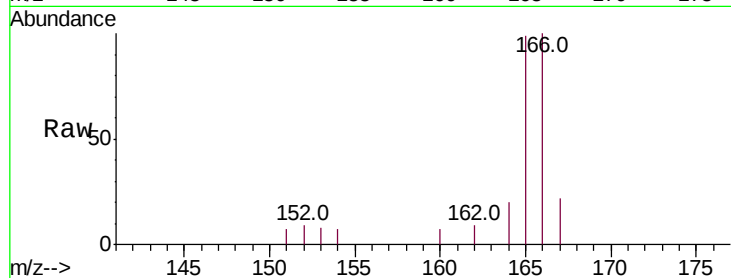
Tot Ion:166 Resp: 942

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.8

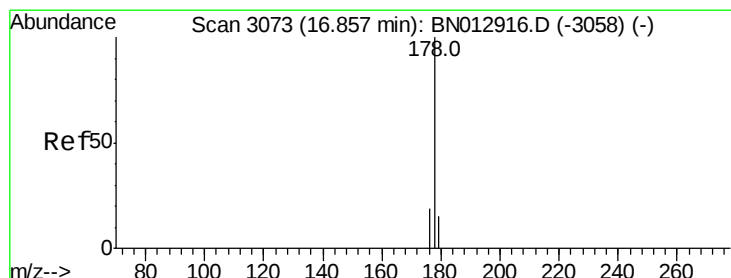
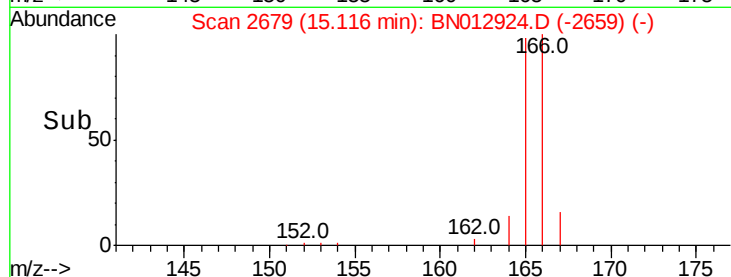
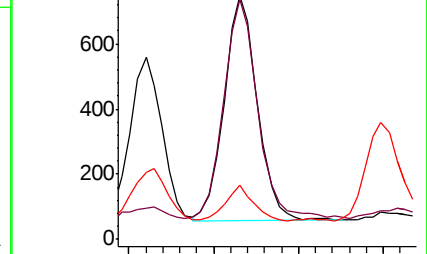
167 22.1 13.8 20.8#



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



#12

Phenanthrene

Concen: 0.457 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

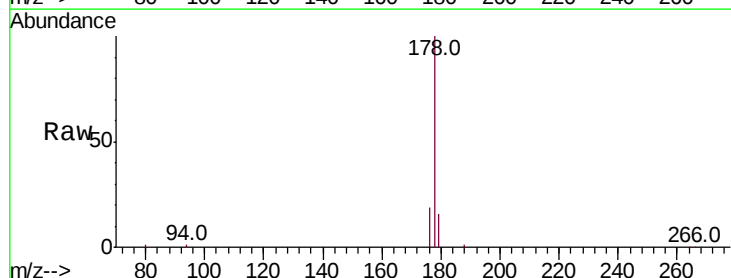
Tgt Ion:178 Resp: 15282

Ion Ratio Lower Upper

178 100

179 15.8 13.6 20.4

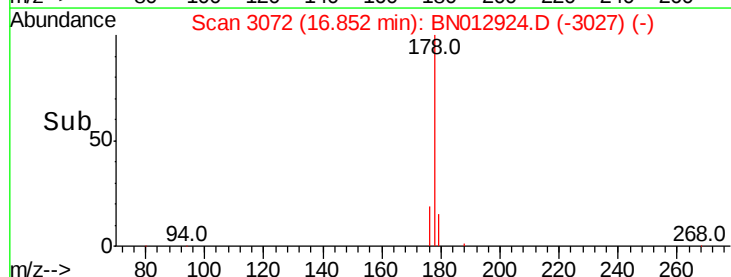
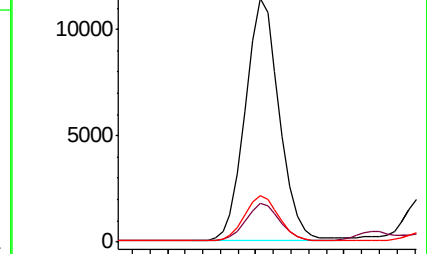
176 19.2 16.4 24.6

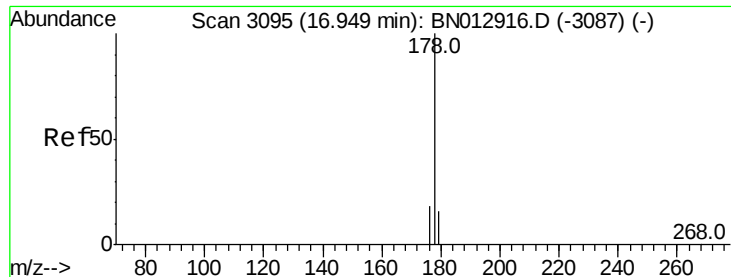


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.110 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

ClientSampleId :

C0B00

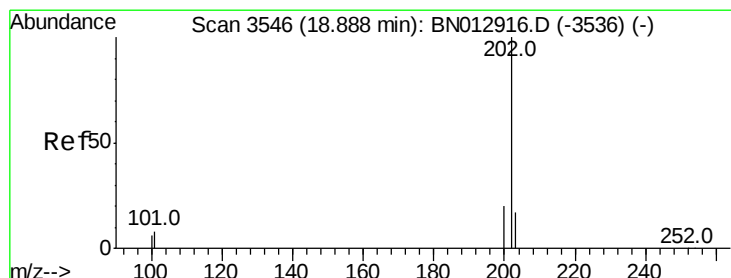
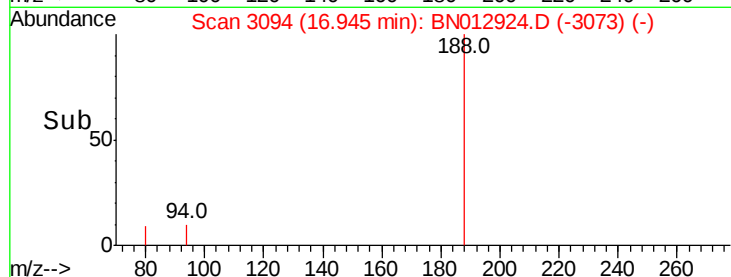
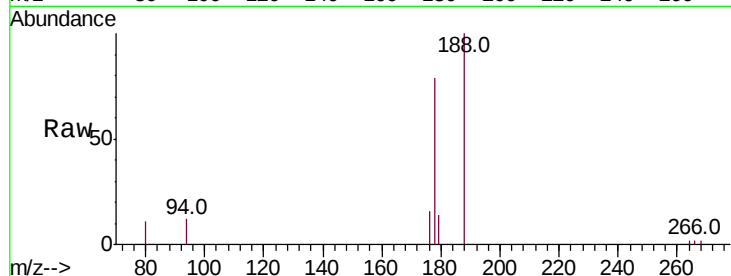
Tot Ion:178 Resp: 3136

Ion Ratio Lower Upper

178 100

179 18.2 14.6 21.8

176 20.0 17.1 25.7



#15

Fluoranthene

Concen: 0.535 ng/ul

RT: 18.89 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

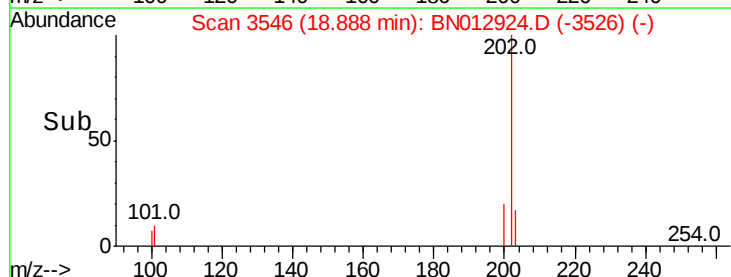
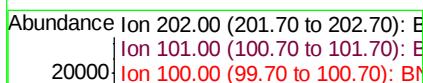
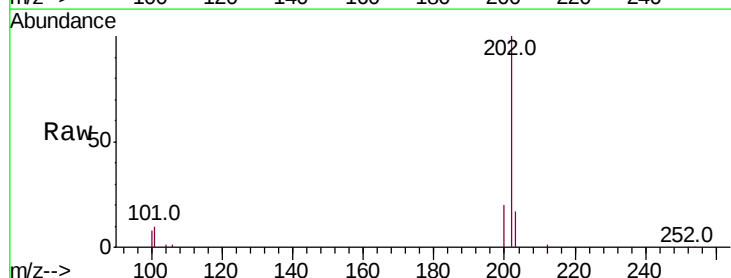
Tgt Ion:202 Resp: 21239

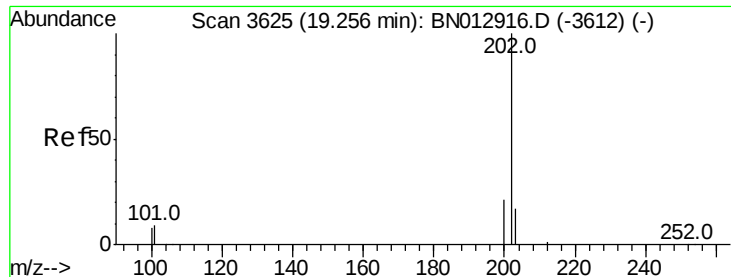
Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.6

100 7.6 0.0 28.7





#17

Pvrene

Concen: 0.509 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

ClientSampleId :

C0B00

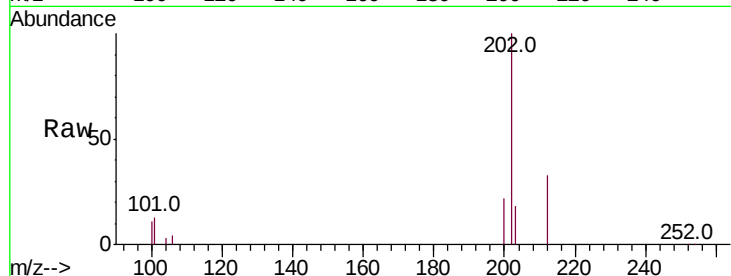
Tot Ion:202 Resp: 18508

Ion Ratio Lower Upper

202 100

101 12.6 9.1 13.7

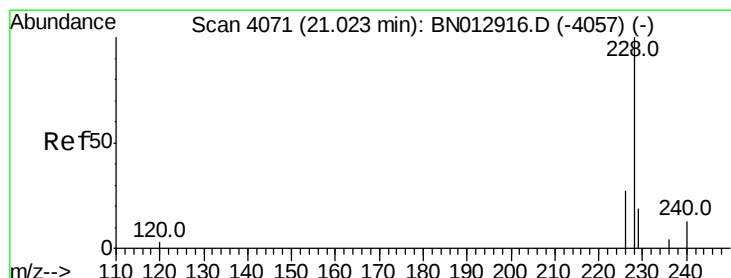
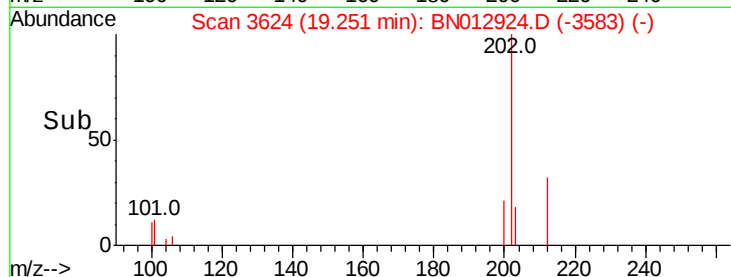
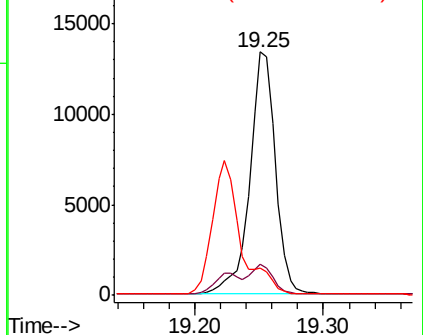
100 11.1 7.5 11.3



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: 0.280 ng/ul

RT: 21.02 min Scan# 4070

Delta R.T. -0.00 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

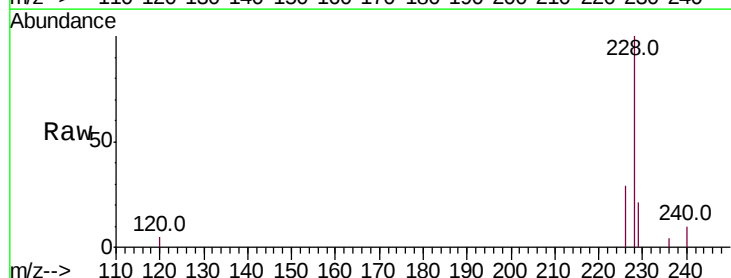
Tgt Ion:228 Resp: 8901

Ion Ratio Lower Upper

228 100

229 21.2 16.3 24.5

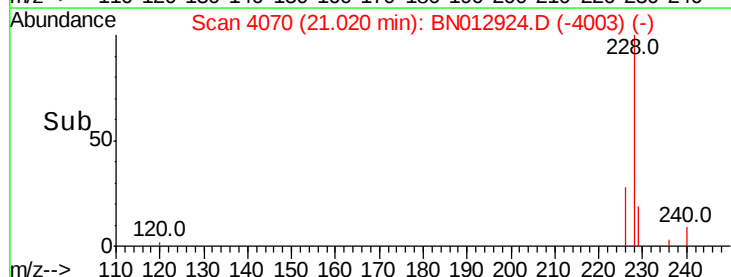
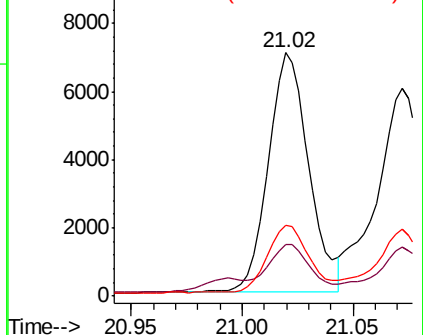
226 29.1 23.4 35.2

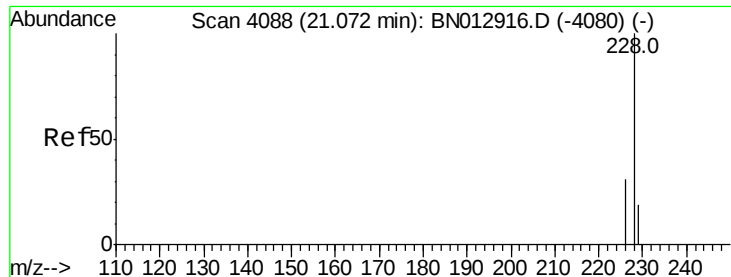


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.246 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

ClientSampleId :

C0B00

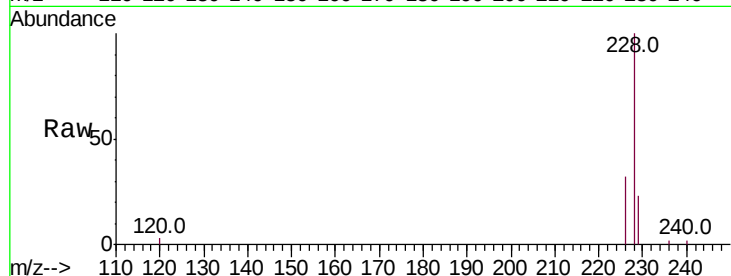
Tot Ion:228 Resp: 8644

Ion Ratio Lower Upper

228 100

226 32.1 25.0 37.6

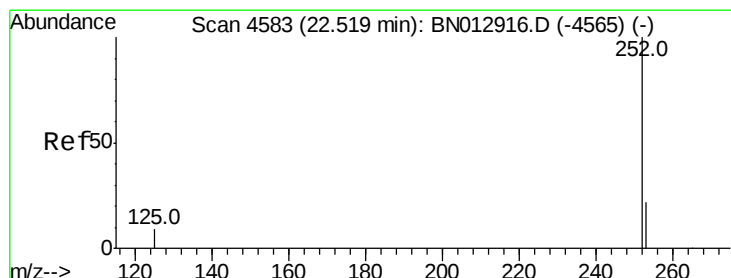
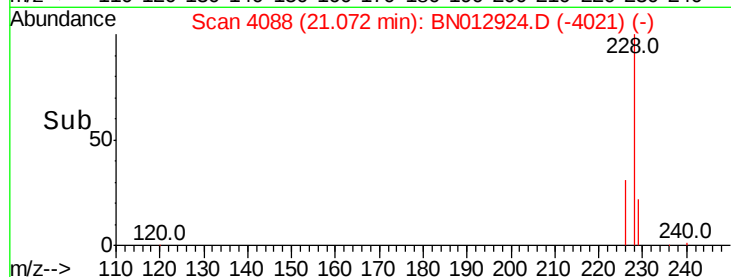
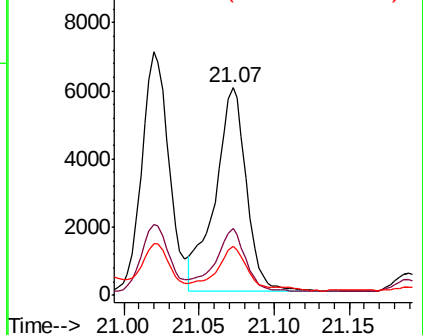
229 23.4 16.4 24.6



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: 0.475 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.00 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

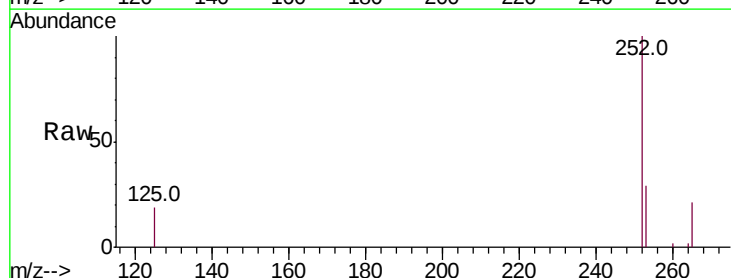
Tgt Ion:252 Resp: 15024

Ion Ratio Lower Upper

252 100

253 29.0 0.0 59.6

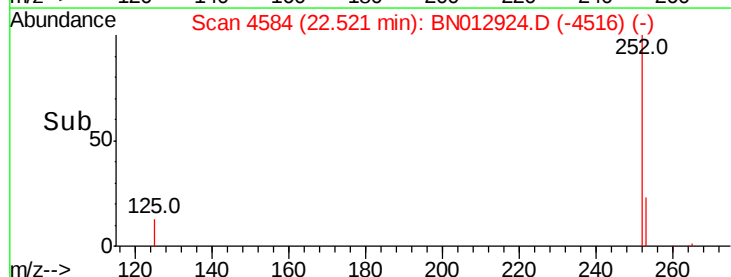
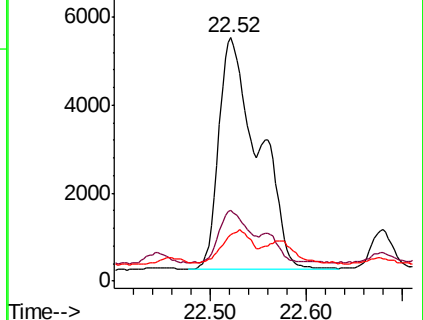
125 19.0 0.0 26.0

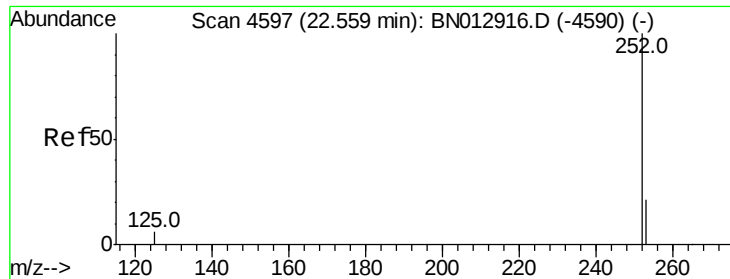


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.430 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.04 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

ClientSampleId :

C0B00

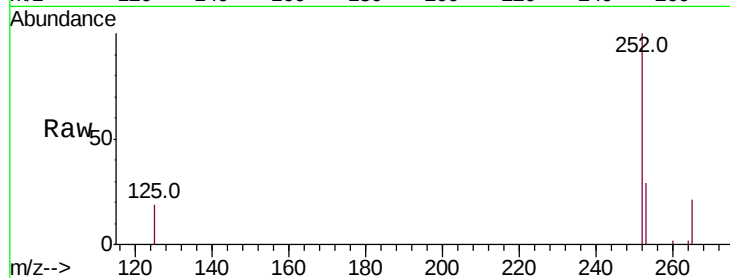
Tot Ion:252 Resp: 15024

Ion Ratio Lower Upper

252 100

253 29.0 23.4 35.2

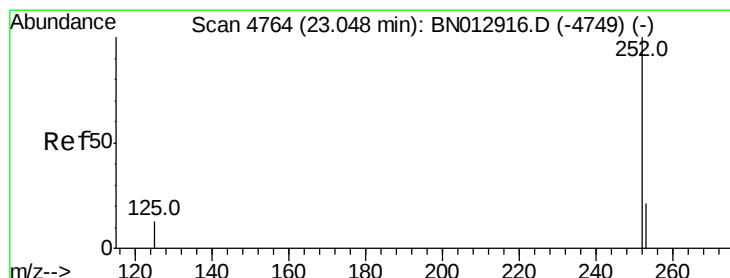
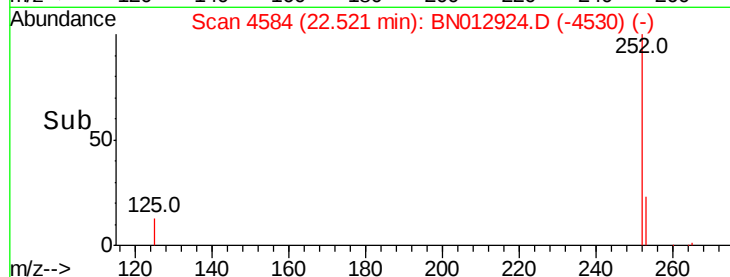
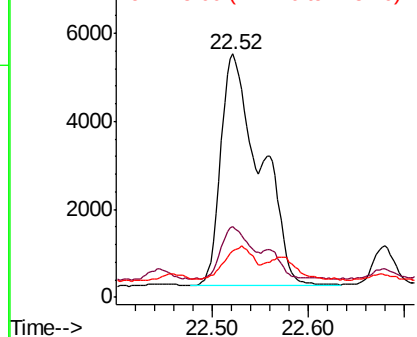
125 19.0 11.1 16.7#



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



#23

Benzo(a)pyrene

Concen: 0.242 ng/ul

RT: 23.05 min Scan# 4764

Delta R.T. -0.00 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

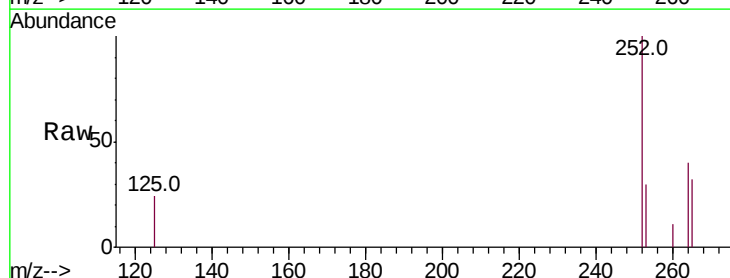
Tgt Ion:252 Resp: 7100

Ion Ratio Lower Upper

252 100

253 30.1 26.5 39.7

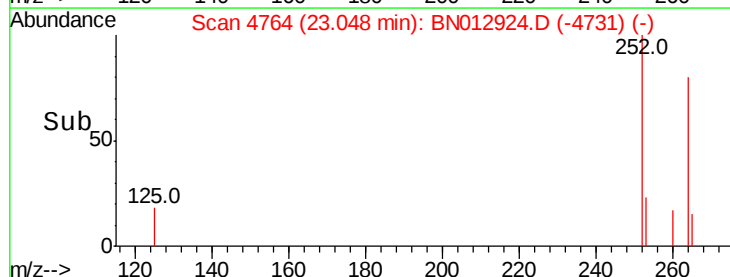
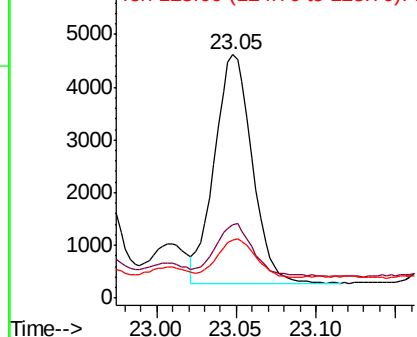
125 23.8 14.2 21.2#

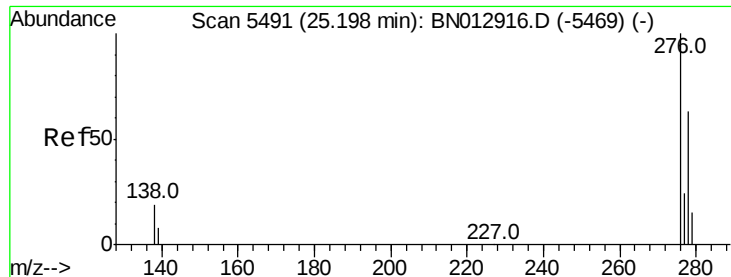


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.110 ng/u1

RT: 25.19 min Scan# 5490

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

ClientSampleId :

C0B00

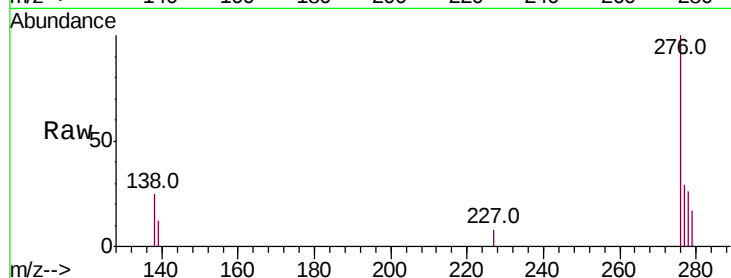
Tot Ion:276 Resp: 4232

Ion Ratio Lower Upper

276 100

138 20.3 16.2 24.2

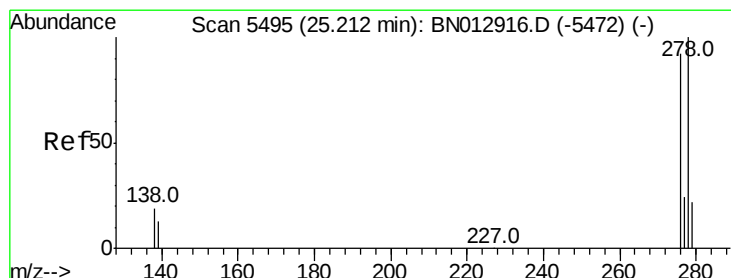
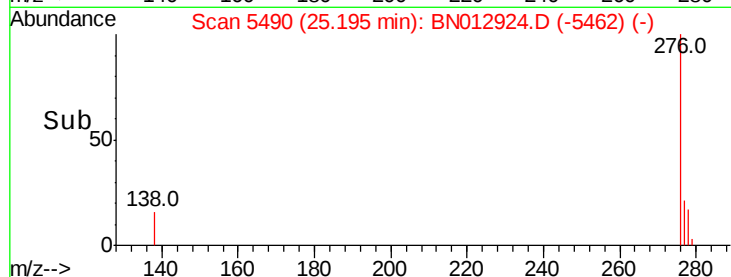
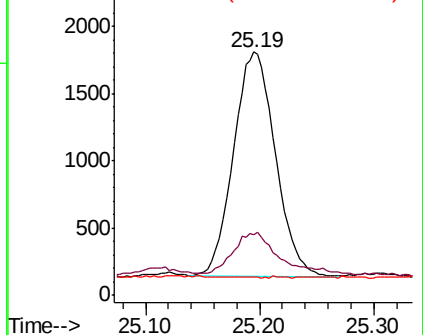
227 0.1 0.0 0.0#



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: 0.036 ng/u1

RT: 25.20 min Scan# 5492

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

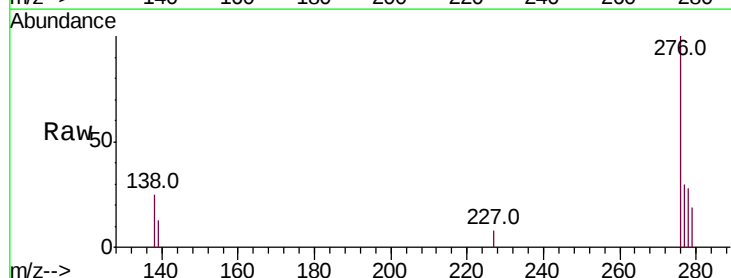
Tgt Ion:278 Resp: 1102

Ion Ratio Lower Upper

278 100

139 47.3 14.5 21.7#

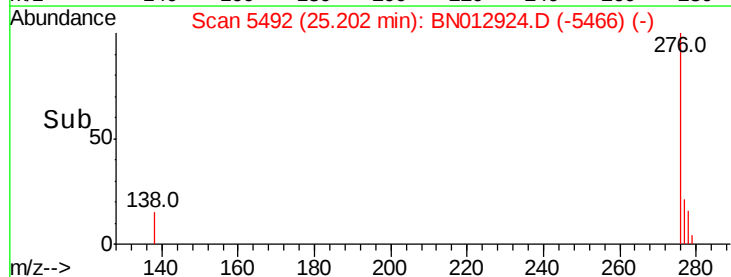
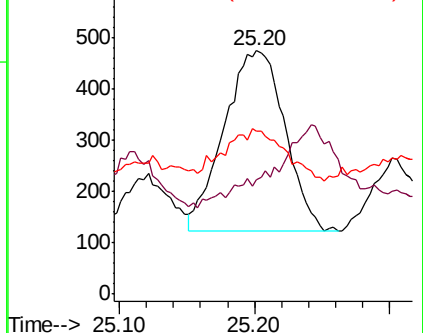
279 67.1 26.3 39.5#

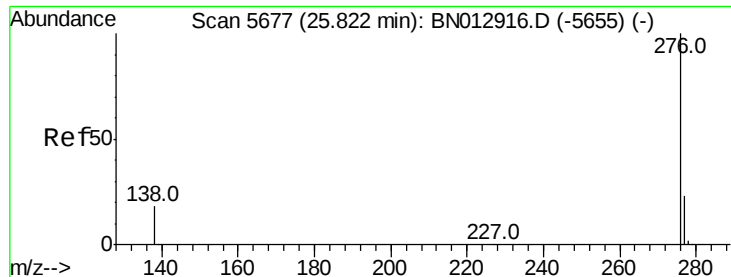


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.116 ng/ul

RT: 25.82 min Scan# 5677

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

ClientSampleId :

C0B00

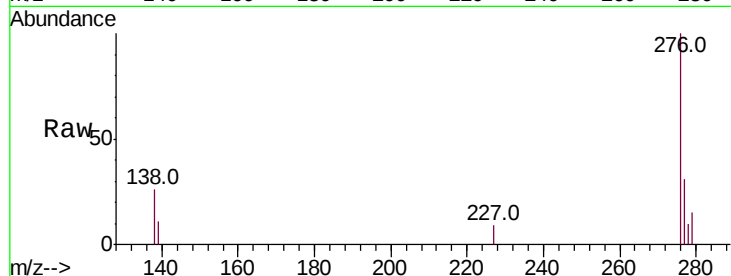
Tot Ion:276 Resp: 4038

Ion Ratio Lower Upper

276 100

138 26.4 16.3 24.5#

277 30.7 21.8 32.6



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

