

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012901.D
 Acq On : 06 Dec 2020 04:04
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.415

Quant Time: Dec 07 01:03:02 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 01:01:09 2020
 Response via : Initial Calibration

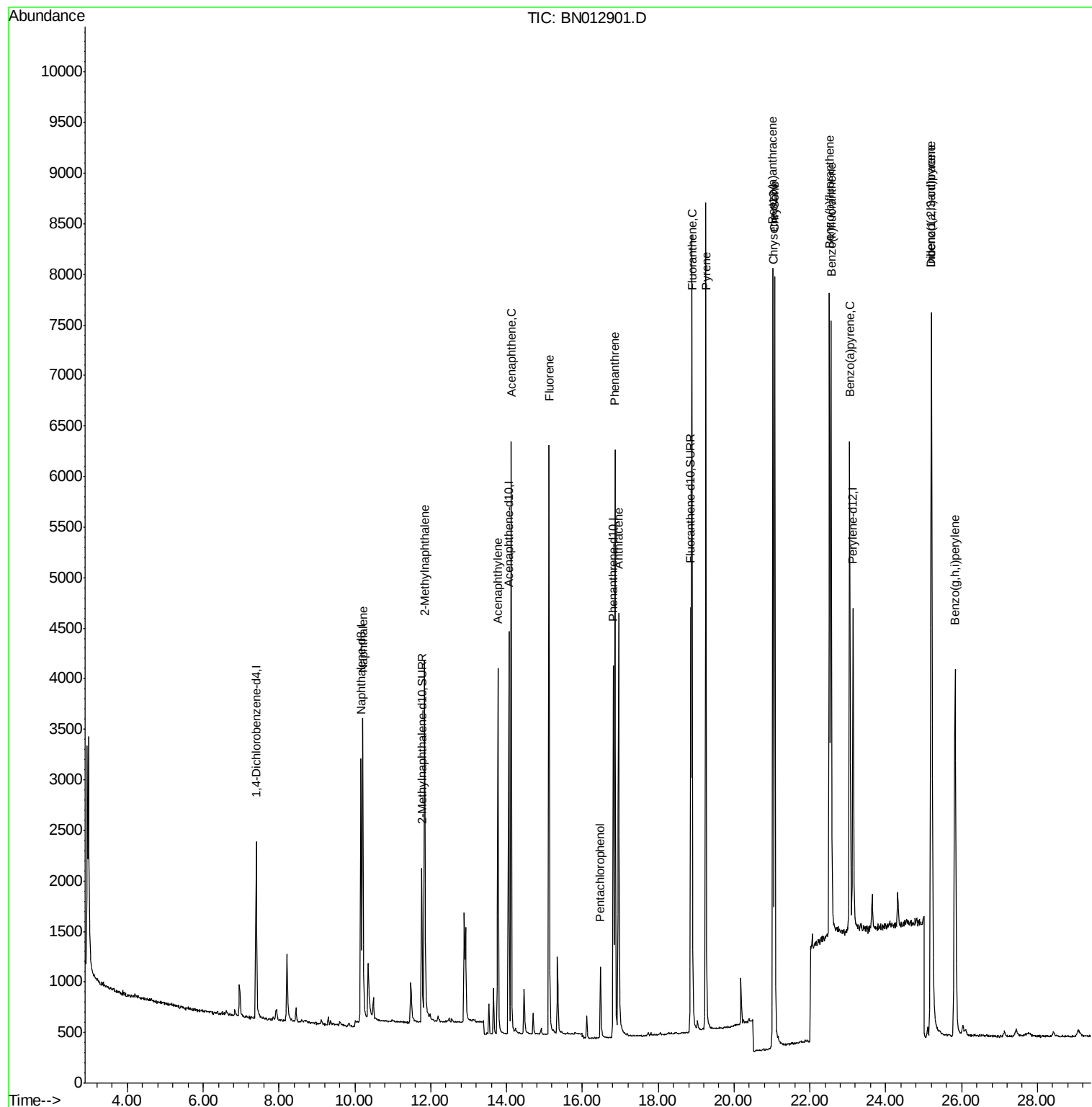
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	997	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	3909	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	2214	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	4723	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	3840	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4005	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	2358	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	4982	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	4408	0.390	ng/ul	94
5) 2-Methylnaphthalene	11.84	142	2979	0.401	ng/ul	97
7) Acenaphthylene	13.77	152	4177	0.399	ng/ul	97
8) Acenaphthene	14.12	153	3415	0.397	ng/ul	99
9) Fluorene	15.12	166	3873	0.393	ng/ul	99
11) Pentachlorophenol	16.48	266	560	0.409	ng/ul	95
12) Phenanthrene	16.86	178	6268	0.396	ng/ul	99
13) Anthracene	16.95	178	5465	0.406	ng/ul	96
15) Fluoranthene	18.89	202	7204	0.383	ng/ul	97
17) Pyrene	19.26	202	7323	0.404	ng/ul	100
18) Benzo(a)anthracene	21.02	228	6173	0.389	ng/ul	98
19) Chrysene	21.07	228	7207	0.411	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	7333	0.396	ng/ul	95
22) Benzo(k)fluoranthene	22.56	252	8133	0.397	ng/ul	94
23) Benzo(a)pyrene	23.05	252	6986	0.406	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.20	276	8941	0.396	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.21	278	7142	0.400	ng/ul	93
26) Benzo(g,h,i)perylene	25.83	276	7789	0.381	ng/ul	96

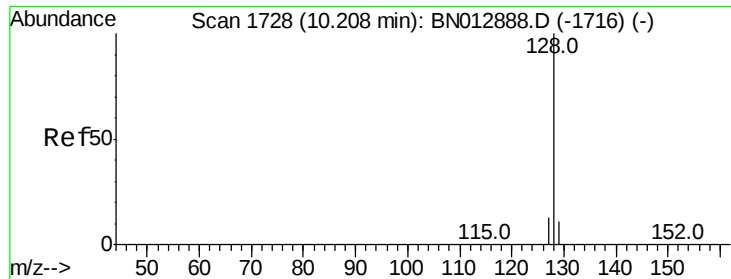
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012901.D
Acq On : 06 Dec 2020 04:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.415

Quant Time: Dec 07 01:03:02 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 01:01:09 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.390 ng/ul

RT: 10.21 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

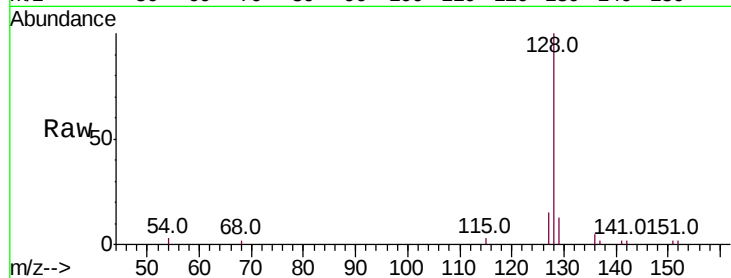
Tot Ion:128 Resp: 4408

Ion Ratio Lower Upper

128 100

129 13.1 12.3 18.5

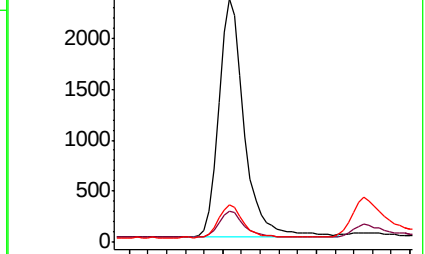
127 15.4 14.2 21.4



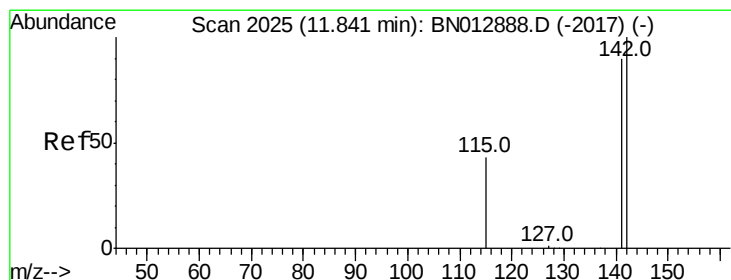
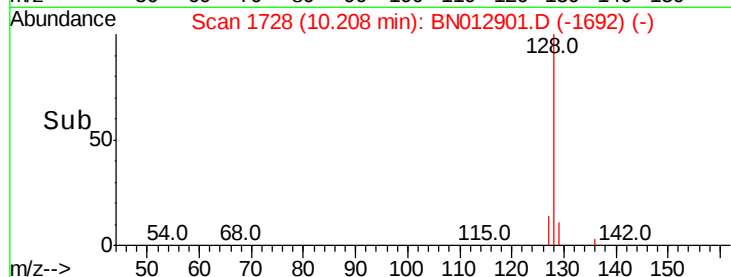
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.401 ng/ul

RT: 11.84 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BN012901.D

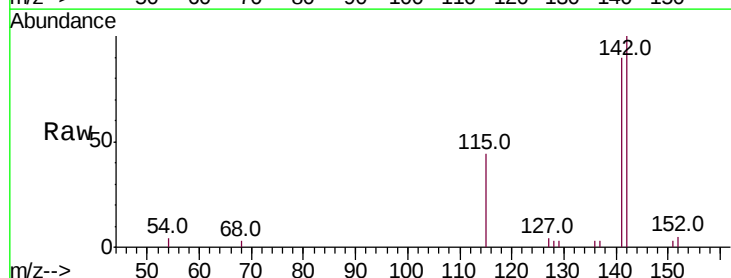
Acq: 06 Dec 2020 04:04

Tgt Ion:142 Resp: 2979

Ion Ratio Lower Upper

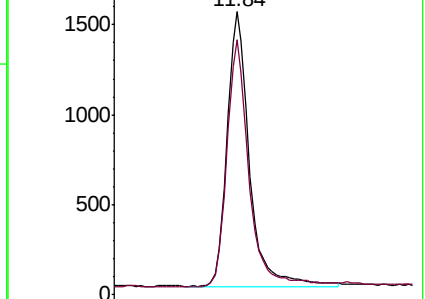
142 100

141 88.9 73.0 109.6

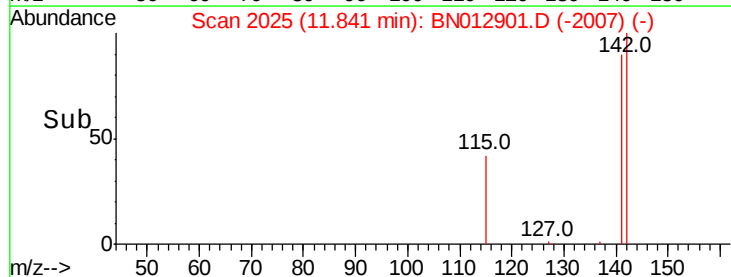


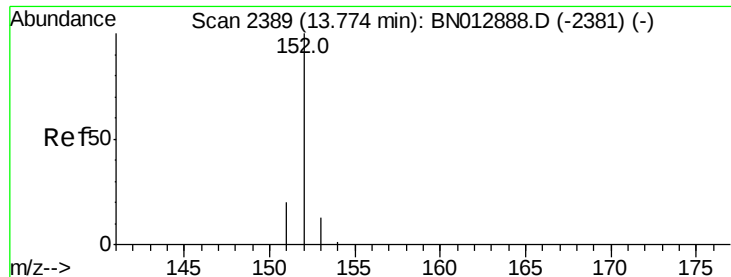
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.399 ng/ul

RT: 13.77 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

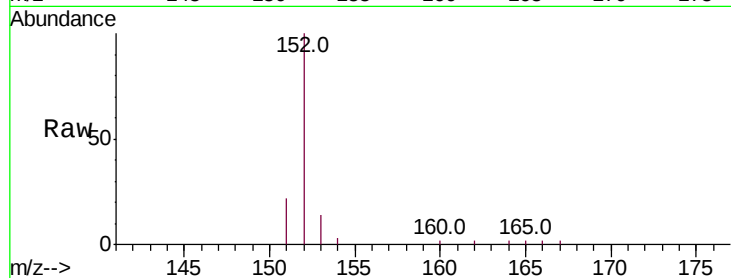
Tot Ion:152 Resp: 4177

Ion Ratio Lower Upper

152 100

151 21.7 18.2 27.4

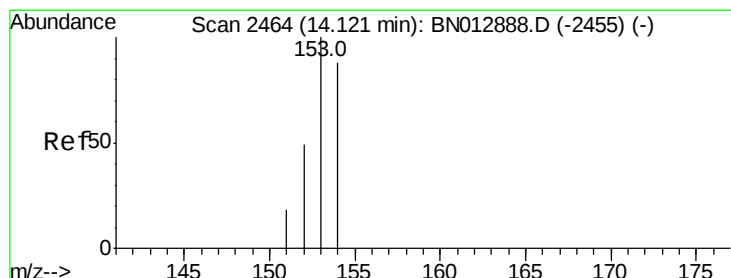
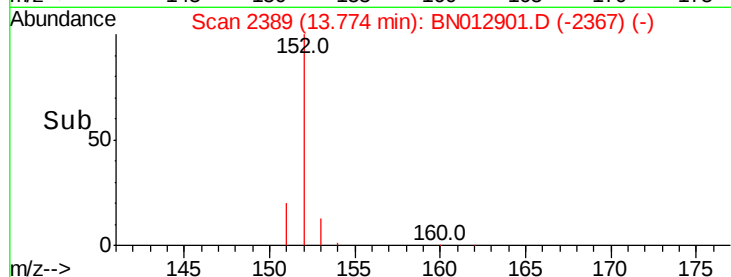
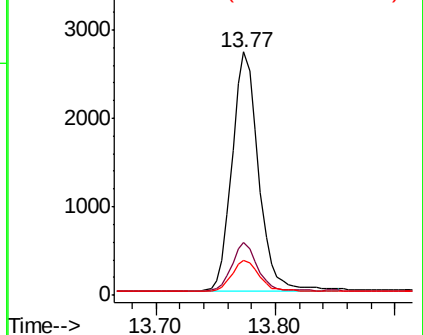
153 14.2 13.1 19.7



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: 0.397 ng/ul

RT: 14.12 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

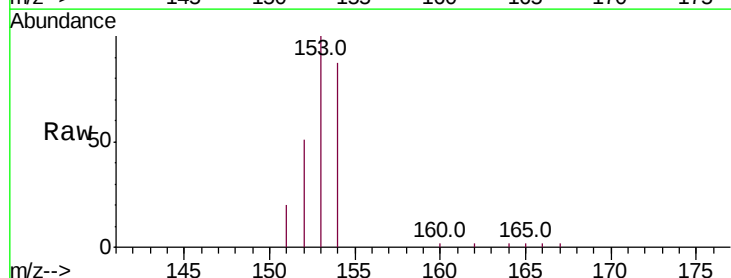
Tgt Ion:153 Resp: 3415

Ion Ratio Lower Upper

153 100

152 51.0 40.7 61.1

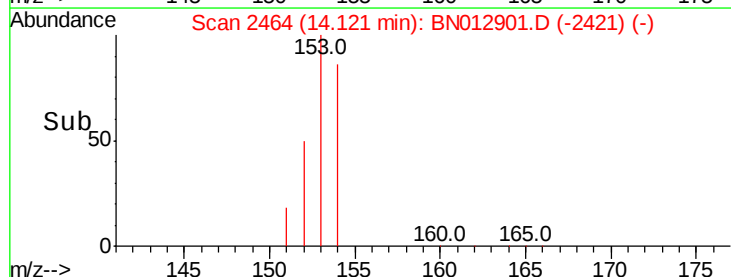
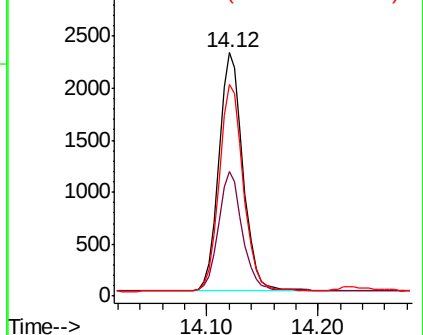
154 86.8 70.8 106.2

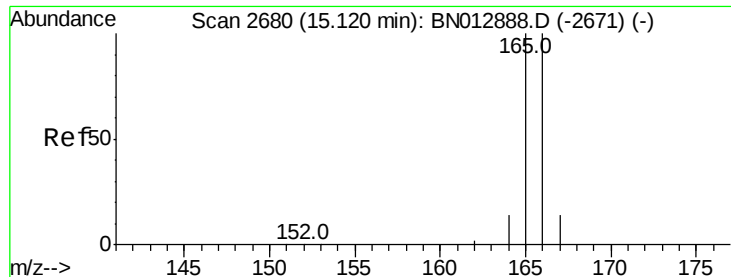


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.393 ng/ul

RT: 15.12 min Scan# 2680

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

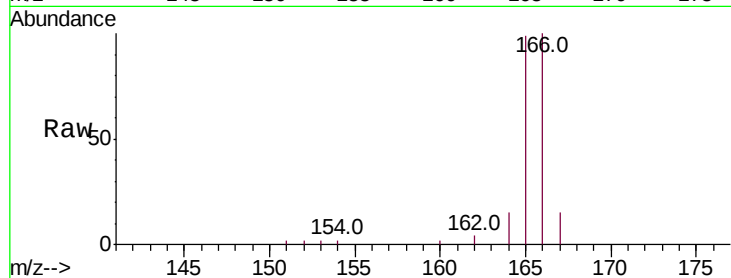
Tot Ion:166 Resp: 3873

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

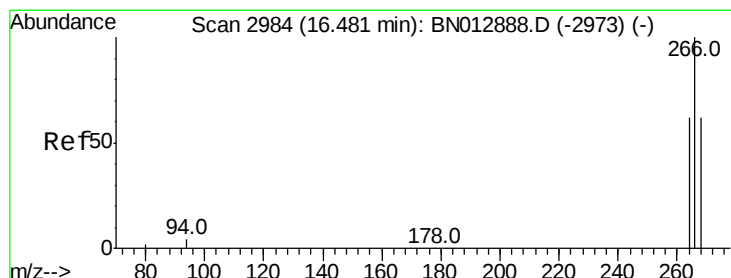
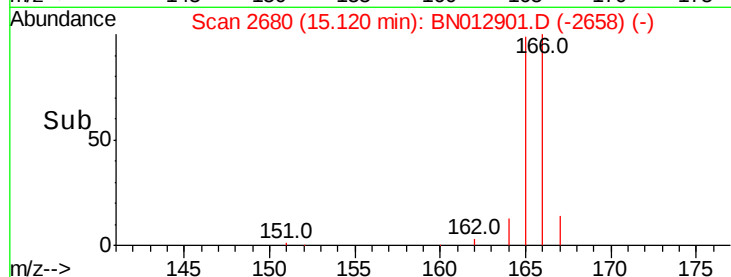
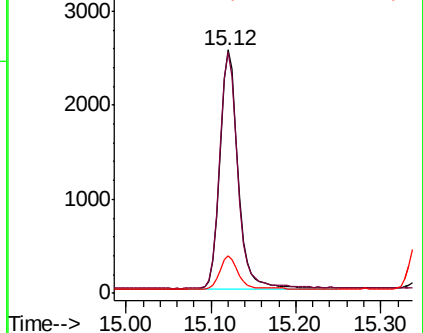
167 15.4 13.8 20.8



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



#11

Pentachlorophenol

Concen: 0.409 ng/ul

RT: 16.48 min Scan# 2983

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

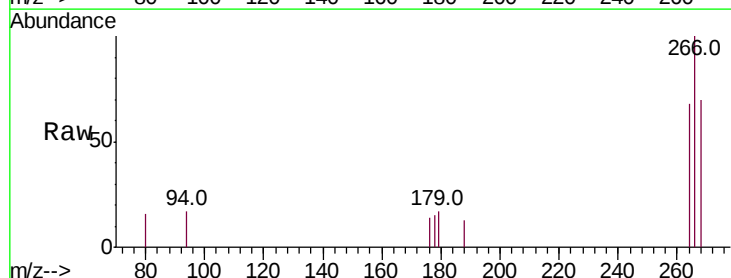
Tgt Ion:266 Resp: 560

Ion Ratio Lower Upper

266 100

264 60.9 51.5 77.3

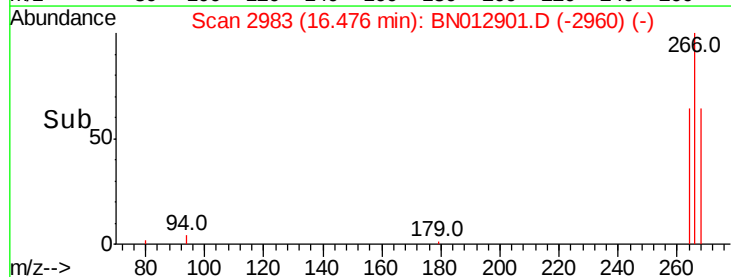
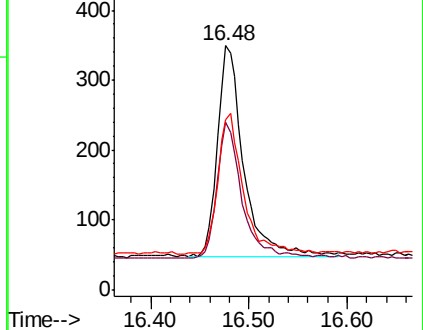
268 66.3 56.0 84.0

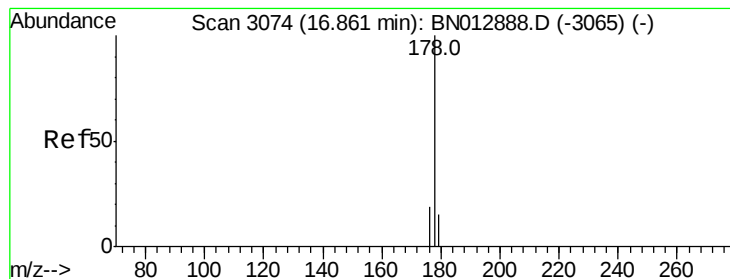


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.396 ng/ul

RT: 16.86 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

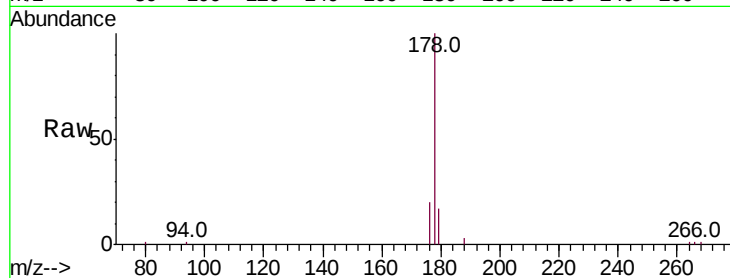
Tot Ion:178 Resp: 6268

Ion Ratio Lower Upper

178 100

179 16.6 13.6 20.4

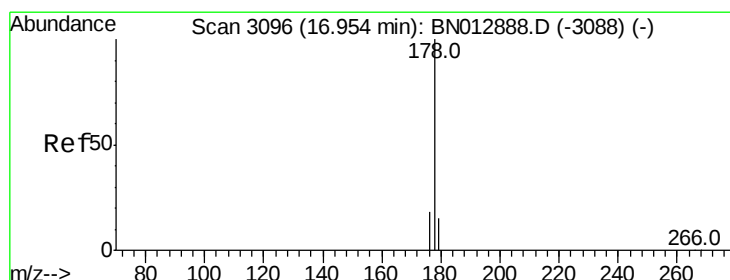
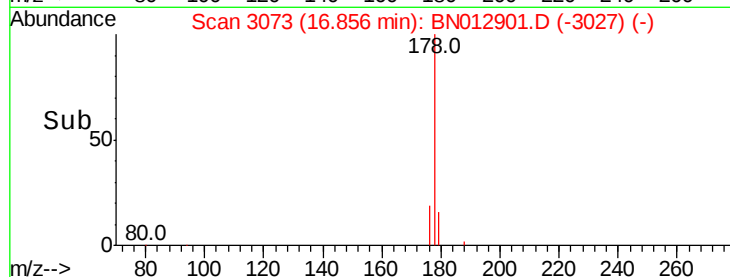
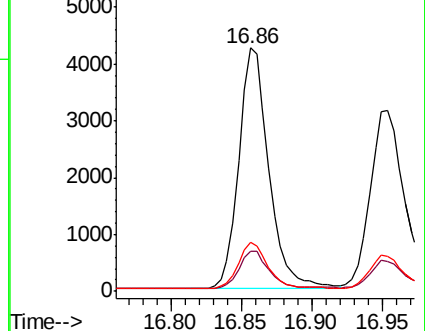
176 20.3 16.4 24.6



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: 0.406 ng/ul

RT: 16.95 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

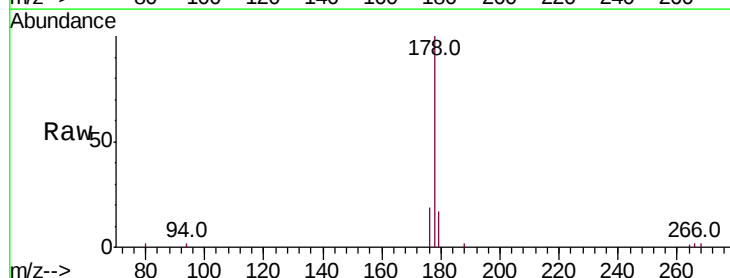
Tgt Ion:178 Resp: 5465

Ion Ratio Lower Upper

178 100

179 16.8 14.6 21.8

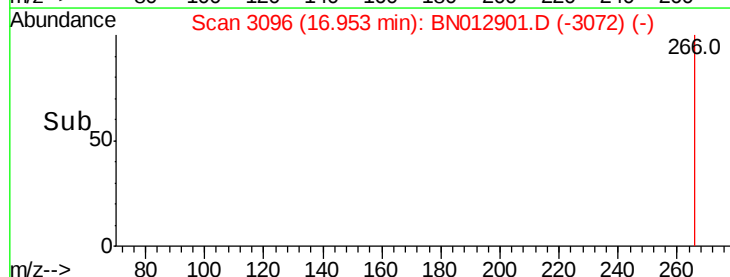
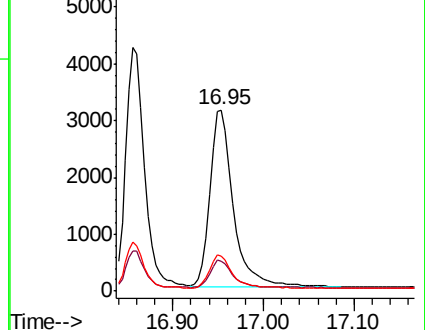
176 19.4 17.1 25.7

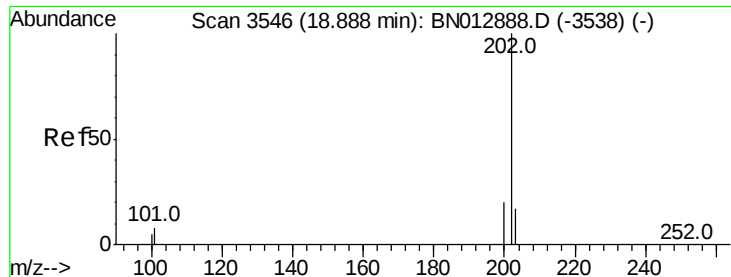


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.383 ng/ul

RT: 18.89 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

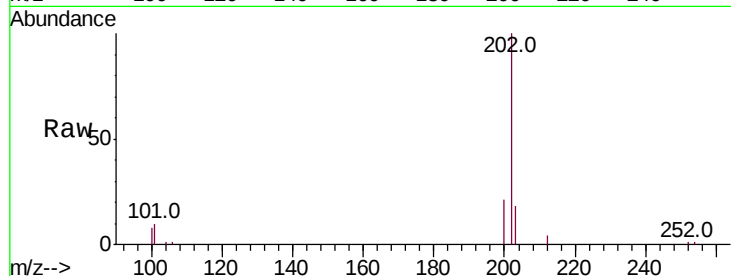
Tot Ion:202 Resp: 7204

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.6

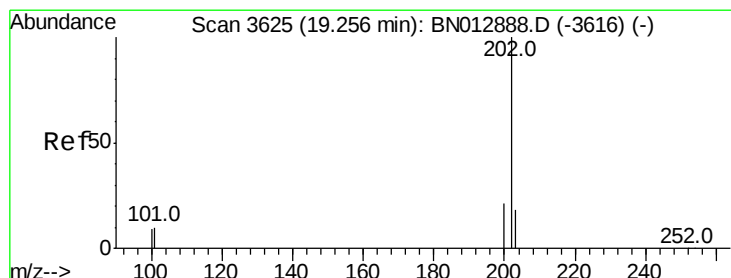
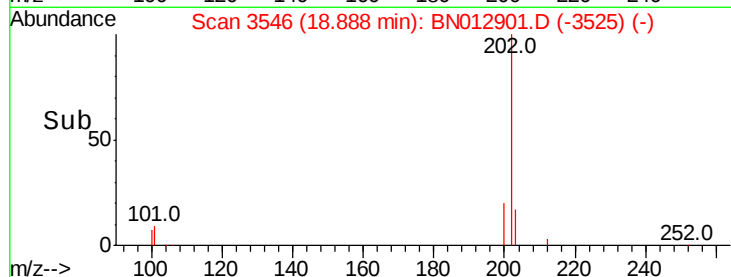
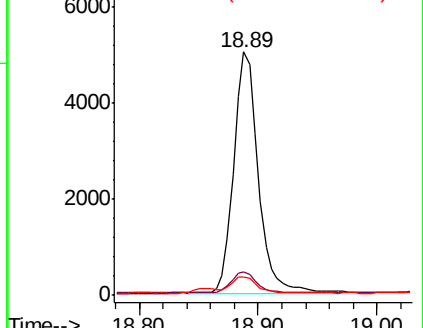
100 7.7 0.0 28.7



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: 0.404 ng/ul

RT: 19.26 min Scan# 3625

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

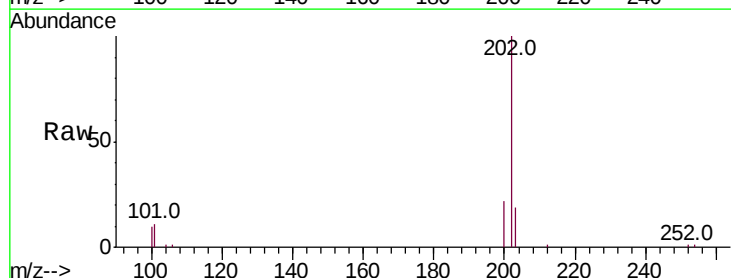
Tgt Ion:202 Resp: 7323

Ion Ratio Lower Upper

202 100

101 11.2 9.1 13.7

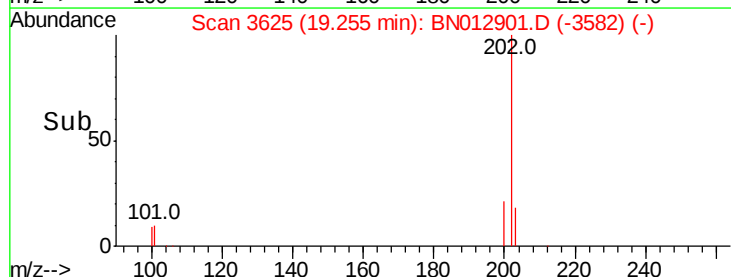
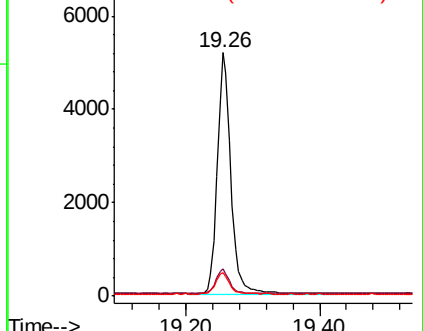
100 9.6 7.5 11.3

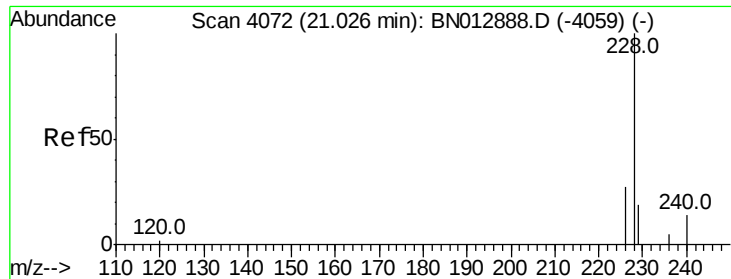


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.389 ng/ul

RT: 21.02 min Scan# 4071

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

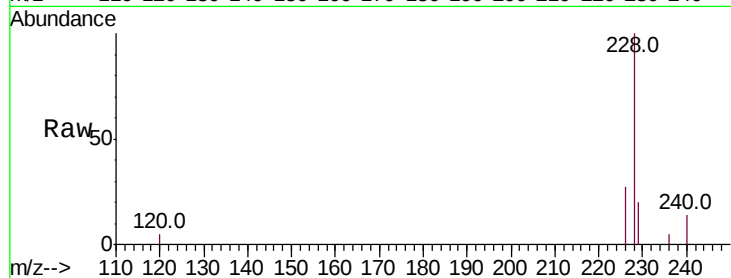
Tot Ion:228 Resp: 6173

Ion Ratio Lower Upper

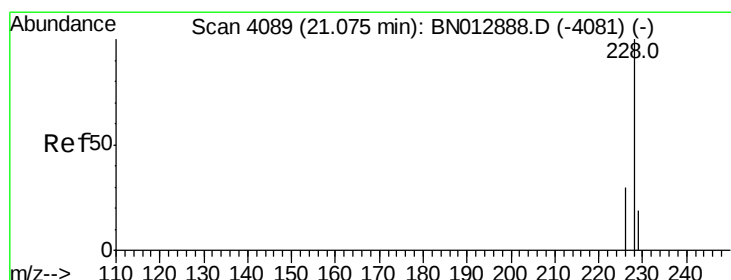
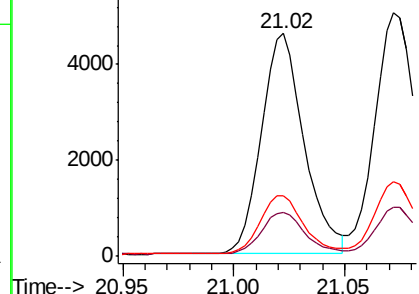
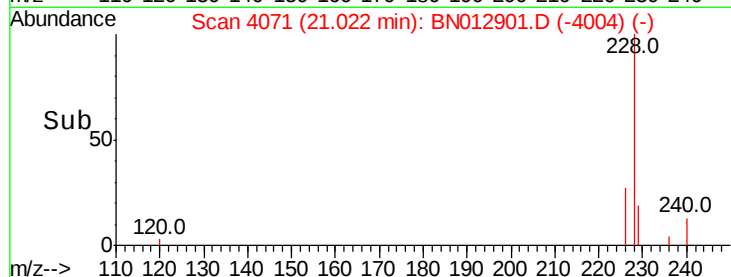
228 100

229 19.9 16.3 24.5

226 27.5 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: 0.411 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

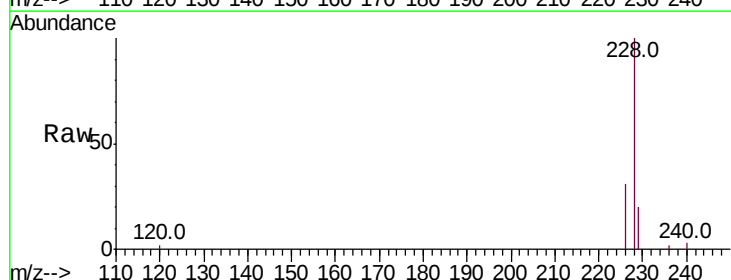
Tgt Ion:228 Resp: 7207

Ion Ratio Lower Upper

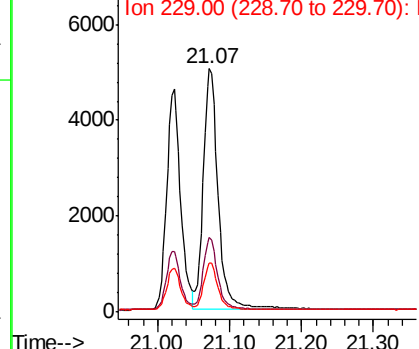
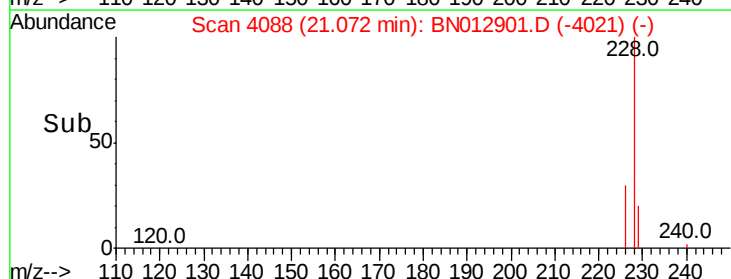
228 100

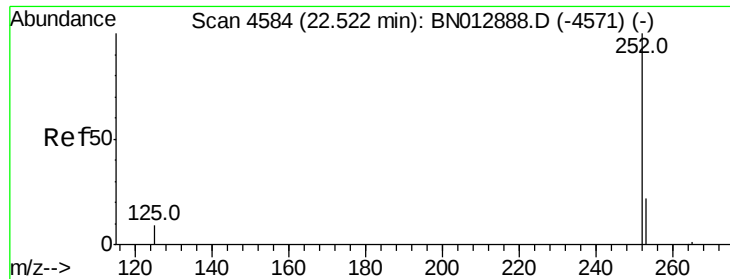
226 30.8 25.0 37.6

229 20.3 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: 0.396 ng/ul

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

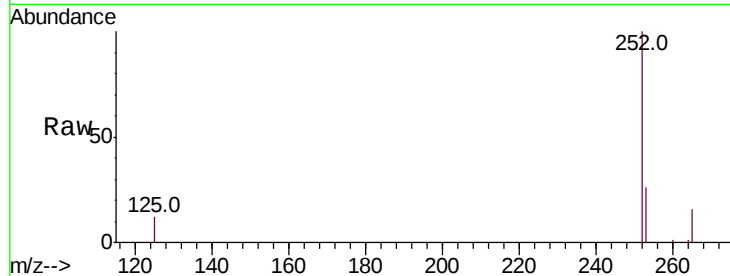
Tot Ion:252 Resp: 7333

Ion Ratio Lower Upper

252 100

253 26.0 0.0 59.6

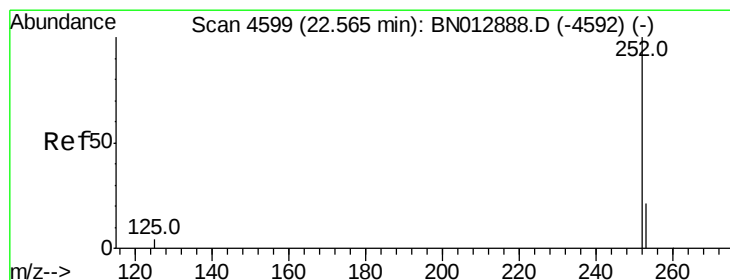
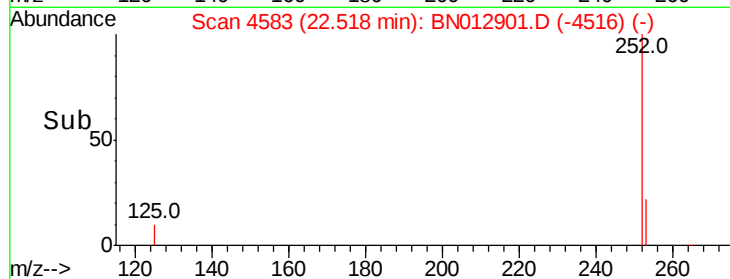
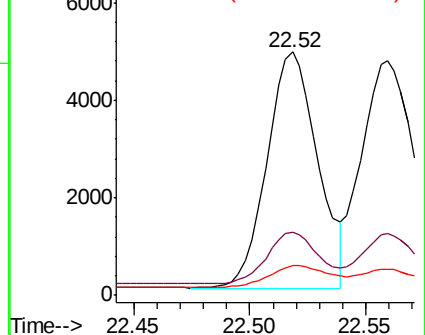
125 12.2 0.0 26.0



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: 0.397 ng/ul

RT: 22.56 min Scan# 4597

Delta R.T. -0.01 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

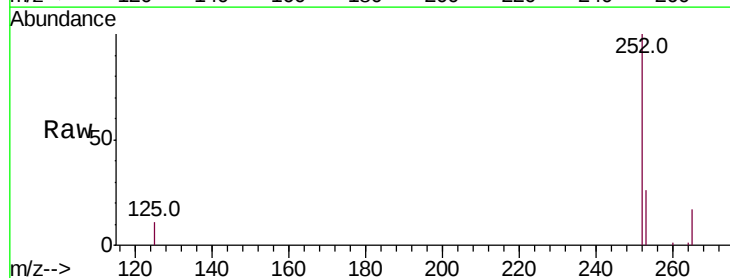
Tgt Ion:252 Resp: 8133

Ion Ratio Lower Upper

252 100

253 26.4 23.4 35.2

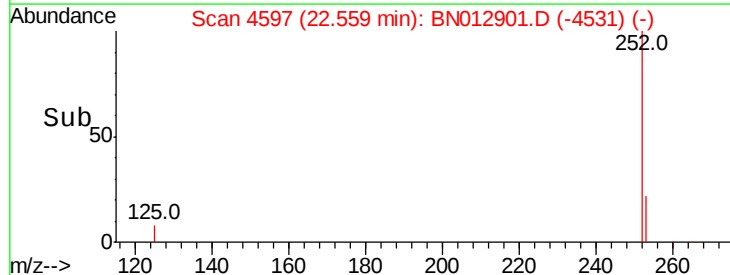
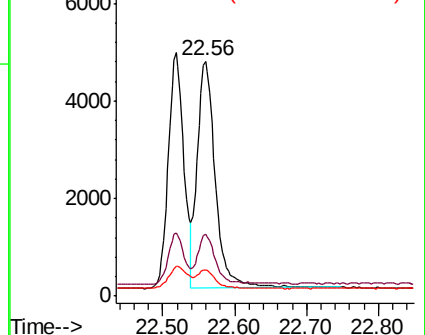
125 11.3 11.1 16.7

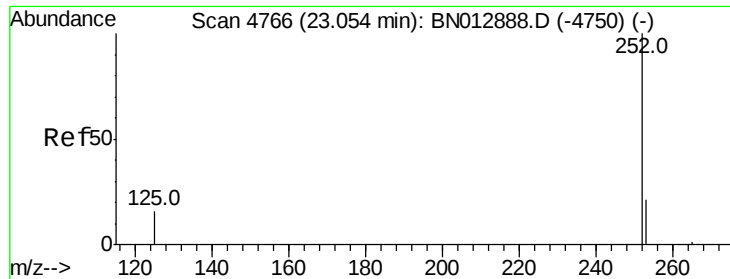


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.406 ng/u1

RT: 23.05 min Scan# 4765

Delta R.T. -0.00 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

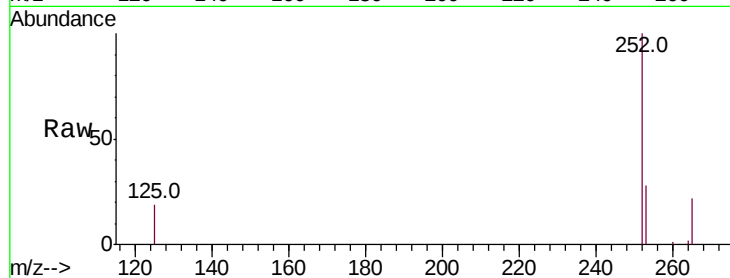
Tot Ion:252 Resp: 6986

Ion Ratio Lower Upper

252 100

253 28.3 26.5 39.7

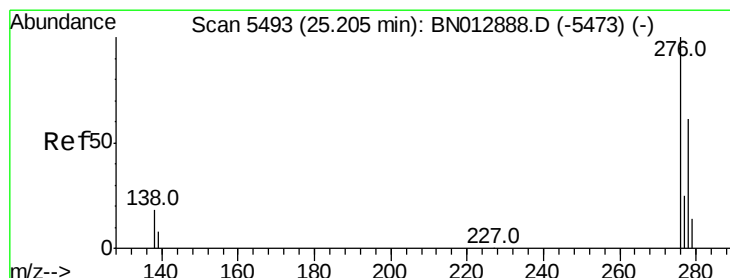
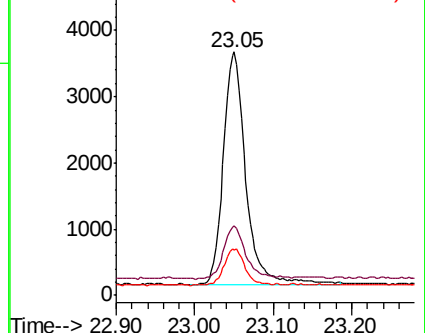
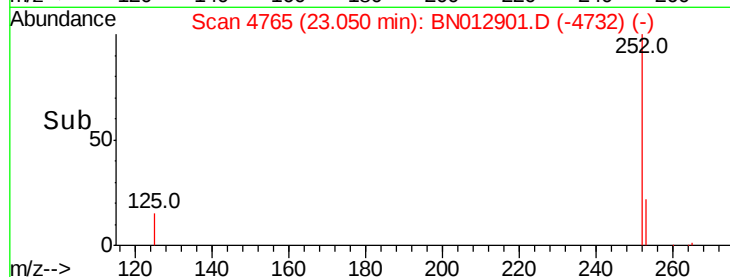
125 18.7 14.2 21.2



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: 0.396 ng/u1

RT: 25.20 min Scan# 5491

Delta R.T. -0.01 min

Lab File: BN012901.D

Acq: 06 Dec 2020 04:04

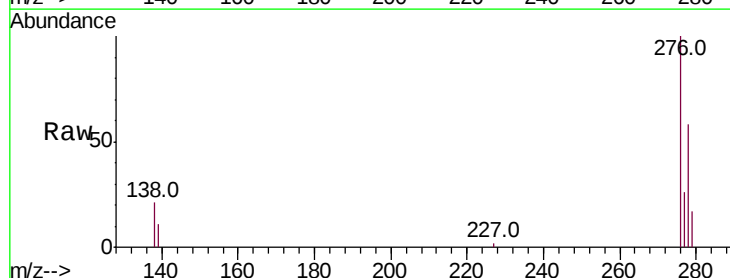
Tgt Ion:276 Resp: 8941

Ion Ratio Lower Upper

276 100

138 20.0 16.2 24.2

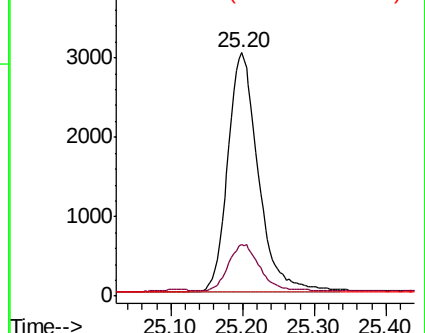
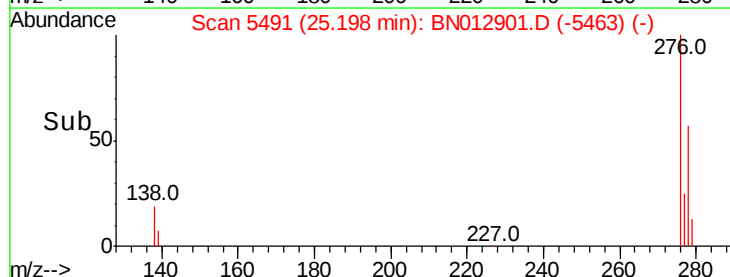
227 0.1 0.0 0.0#

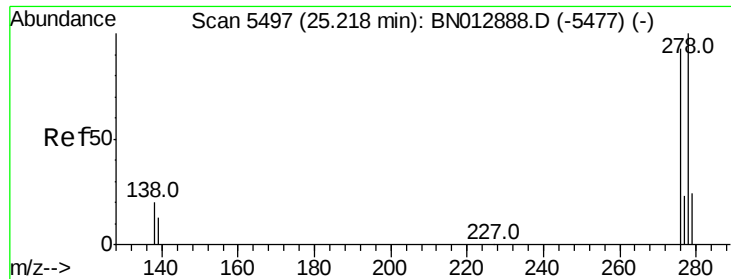


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



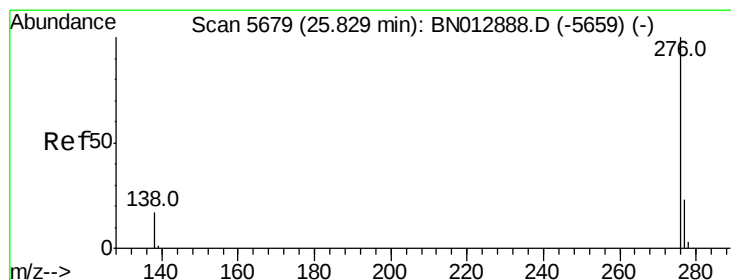
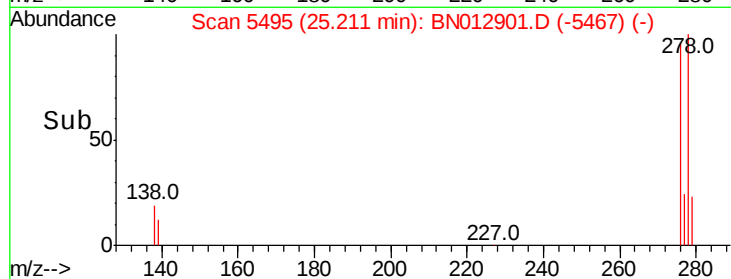
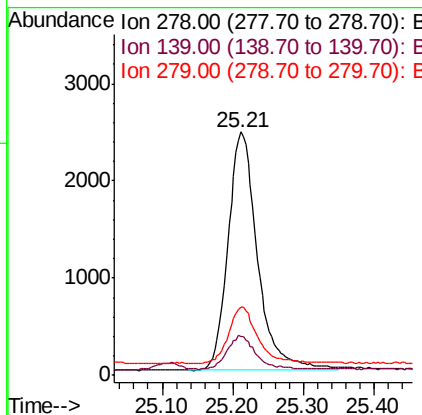
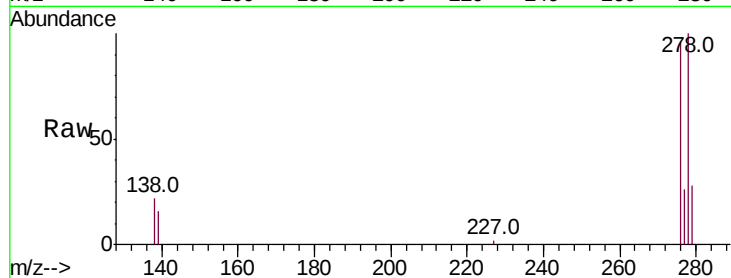


#25
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 25.21 min Scan# 5495
Delta R.T. -0.01 min
Lab File: BN012901.D
Acq: 06 Dec 2020 04:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.415

Tot Ion:278 Resp: 7142

Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.5	21.7
279	27.8	26.3	39.5



#26
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 25.83 min Scan# 5679
Delta R.T. -0.00 min
Lab File: BN012901.D
Acq: 06 Dec 2020 04:04

Tgt Ion:276 Resp: 7789

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.3	24.5
277	24.5	21.8	32.6

