

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012916.D
 Acq On : 06 Dec 2020 13:41
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.416

Quant Time: Dec 07 02:19:10 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 02:16:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1008	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	4024	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	2371	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5040	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4067	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4107	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.76	152	2486	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	5343	0.39	ng/ul	0.00

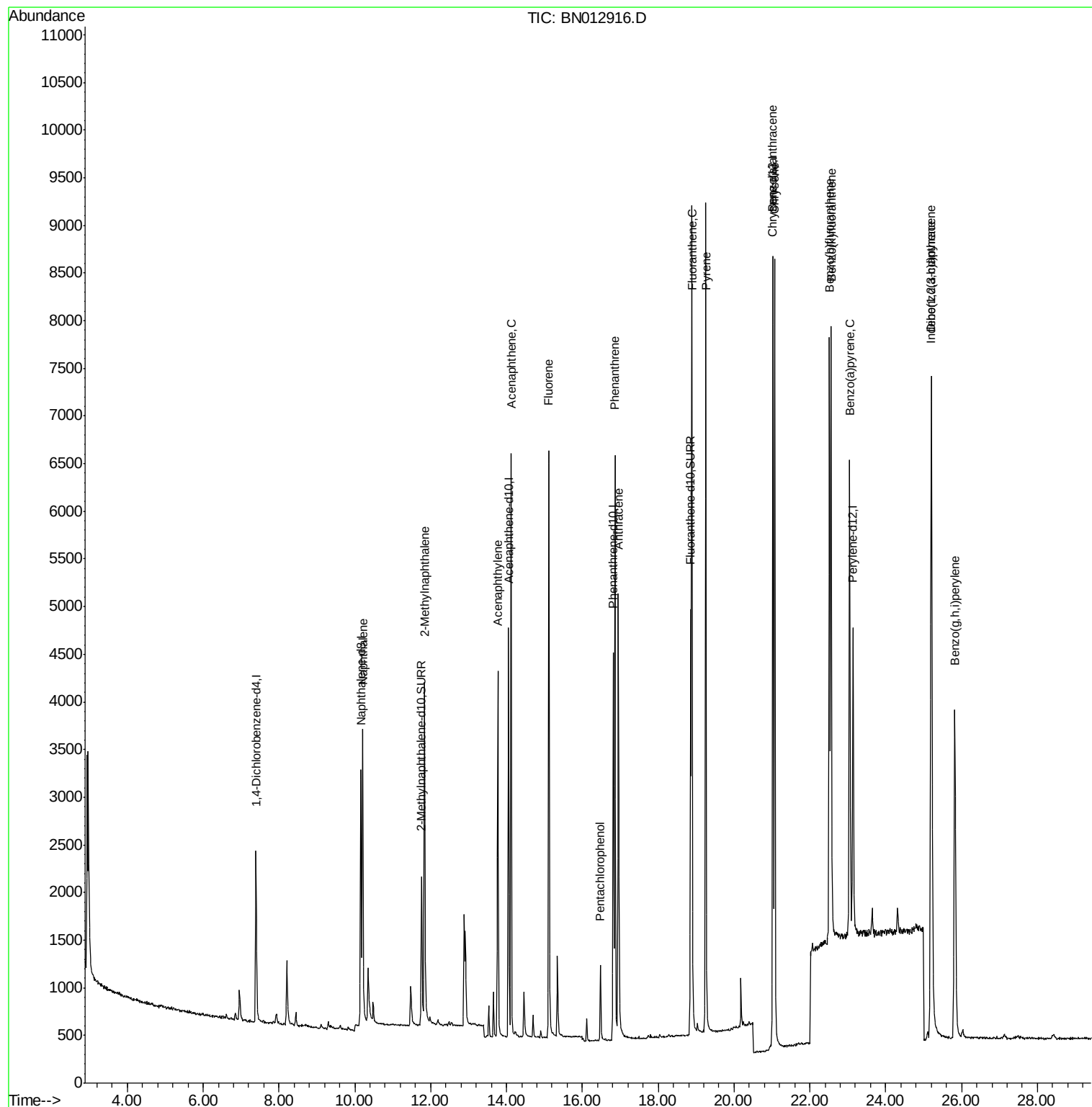
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.21	128	4588	0.394	ng/ul	93
5) 2-Methylnaphthalene	11.84	142	3110	0.407	ng/ul	98
7) Acenaphthylene	13.77	152	4500	0.401	ng/ul	96
8) Acenaphthene	14.12	153	3669	0.399	ng/ul	99
9) Fluorene	15.12	166	4143	0.392	ng/ul	98
11) Pentachlorophenol	16.48	266	611	0.419	ng/ul	96
12) Phenanthrene	16.86	178	6697	0.396	ng/ul	99
13) Anthracene	16.95	178	5943	0.413	ng/ul	96
15) Fluoranthene	18.89	202	7734	0.385	ng/ul	97
17) Pyrene	19.26	202	7902	0.411	ng/ul	99
18) Benzo(a)anthracene	21.02	228	6659	0.396	ng/ul	98
19) Chrysene	21.07	228	7519	0.404	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	7704	0.405	ng/ul	95
22) Benzo(k)fluoranthene	22.56	252	8190	0.390	ng/ul	93
23) Benzo(a)pyrene	23.05	252	7072	0.401	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.20	276	8504	0.367	ng/ul#	56
25) Dibenzo(a,h)anthracene	25.21	278	6800	0.371	ng/ul	93
26) Benzo(g,h,i)perylene	25.82	276	7329	0.350	ng/ul	97

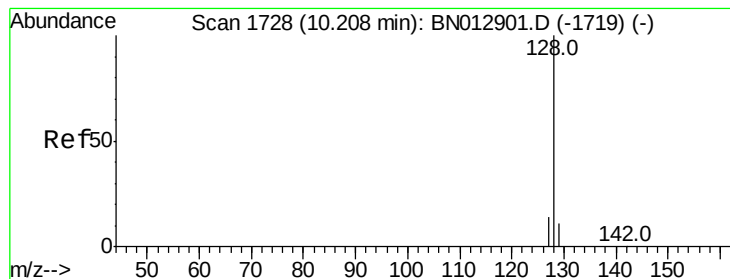
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012916.D
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Quant Time: Dec 07 02:19:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Mon Dec 07 02:16:16 2020
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#3

Naphthalene

Concen: 0.394 ng/ul

RT: 10.21 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

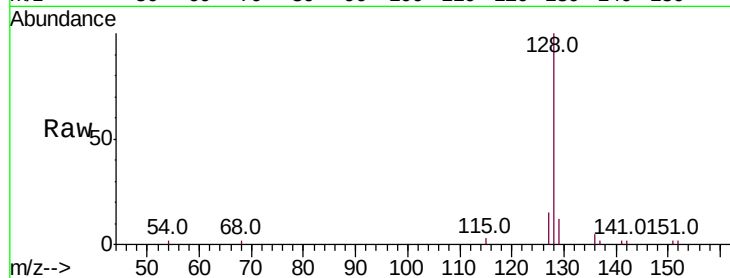
Tot Ion:128 Resp: 4588

Ion Ratio Lower Upper

128 100

129 12.4 12.3 18.5

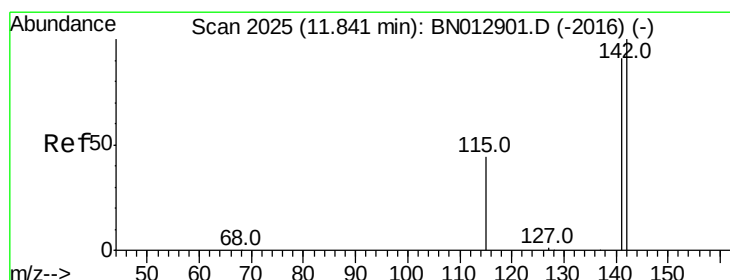
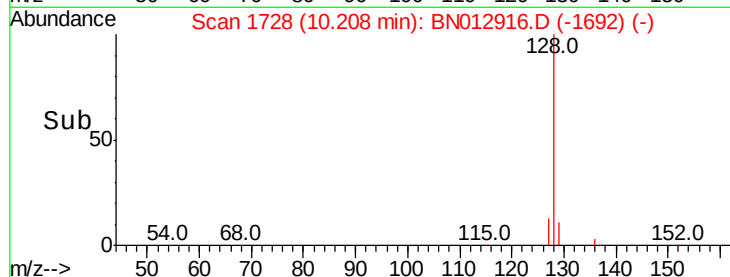
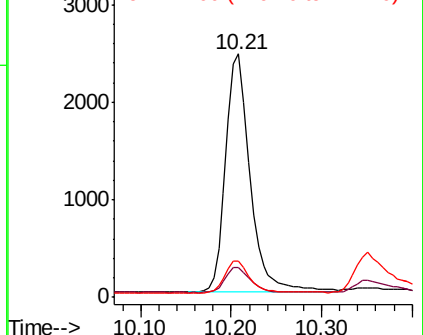
127 14.6 14.2 21.4



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: 0.407 ng/ul

RT: 11.84 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BN012916.D

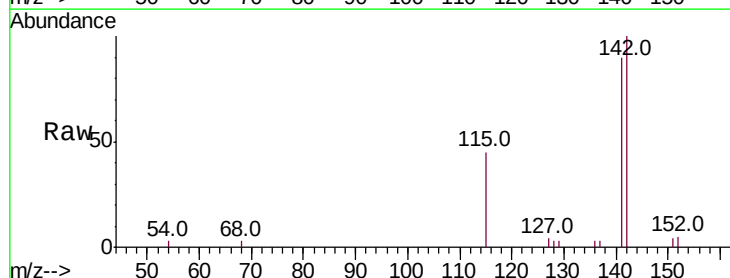
Acq: 06 Dec 2020 13:41

Tgt Ion:142 Resp: 3110

Ion Ratio Lower Upper

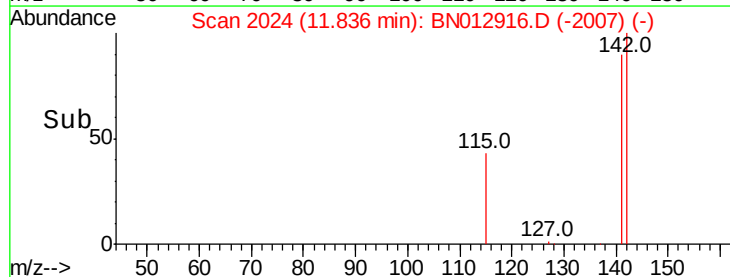
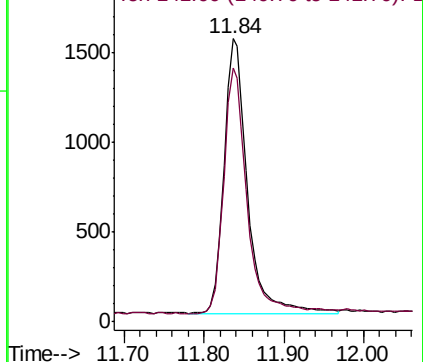
142 100

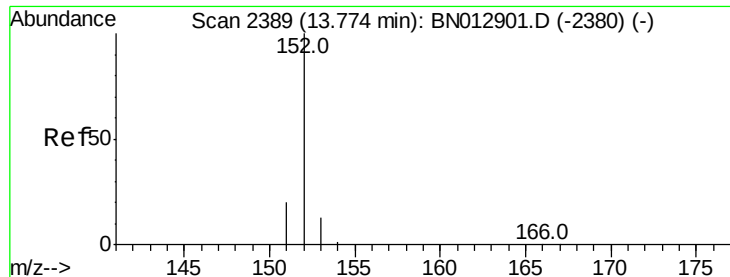
141 89.3 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.401 ng/ul

RT: 13.77 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

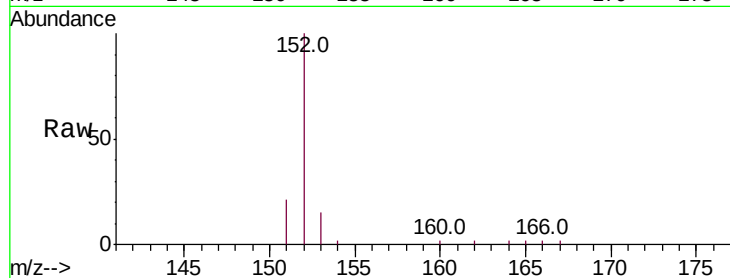
Tot Ion:152 Resp: 4500

Ion Ratio Lower Upper

152 100

151 21.1 18.2 27.4

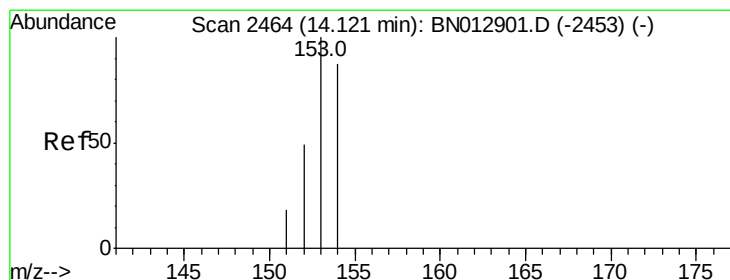
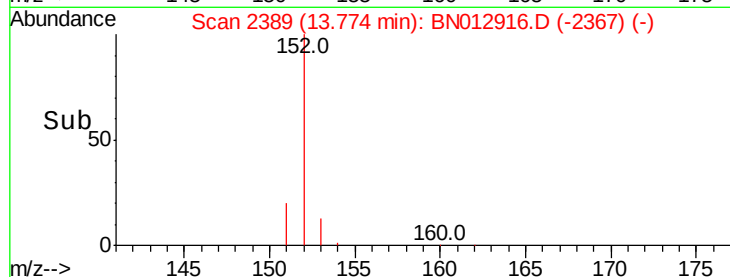
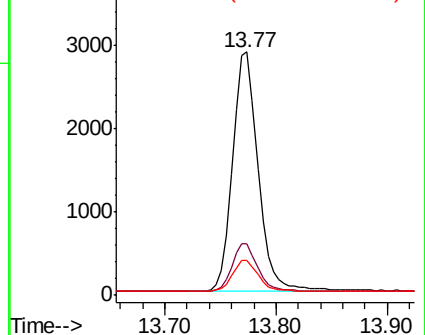
153 14.6 13.1 19.7



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: 0.399 ng/ul

RT: 14.12 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

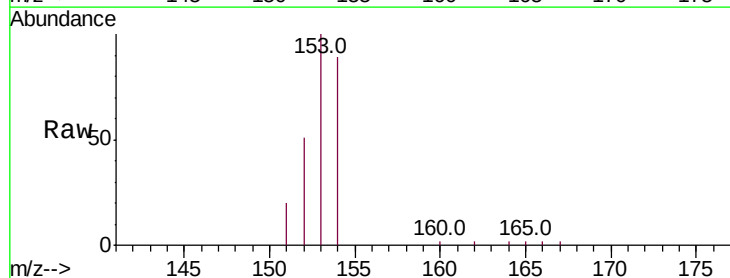
Tgt Ion:153 Resp: 3669

Ion Ratio Lower Upper

153 100

152 50.8 40.7 61.1

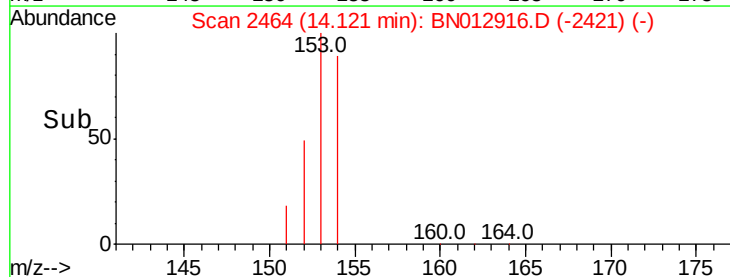
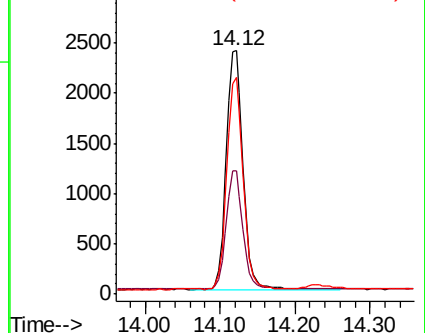
154 89.2 70.8 106.2

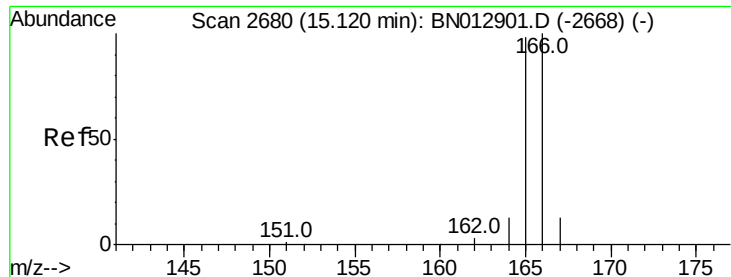


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.392 ng/ul

RT: 15.12 min Scan# 2679

Delta R.T. -0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

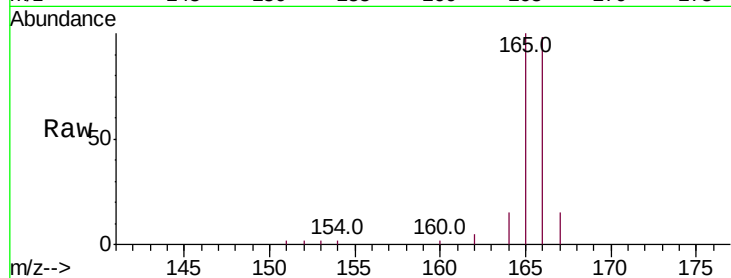
Tot Ion:166 Resp: 4143

Ion Ratio Lower Upper

166 100

165 101.6 79.8 119.8

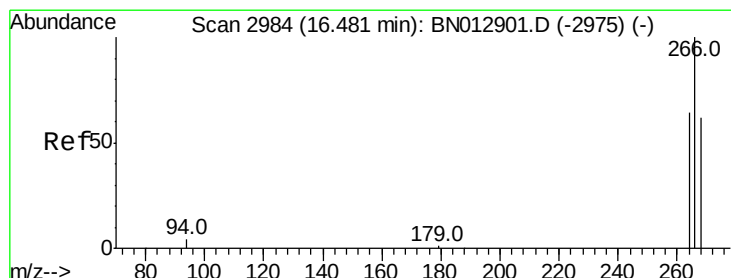
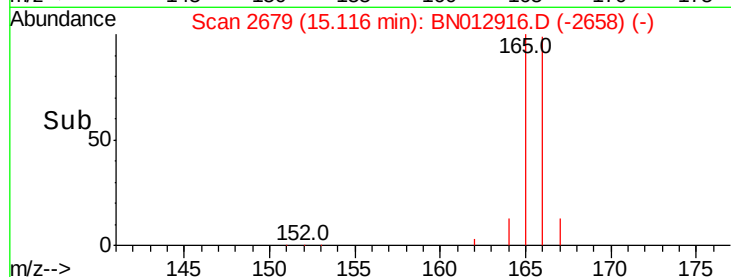
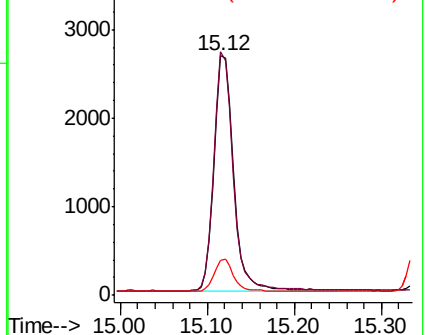
167 14.8 13.8 20.8



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: 0.419 ng/ul

RT: 16.48 min Scan# 2983

Delta R.T. -0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

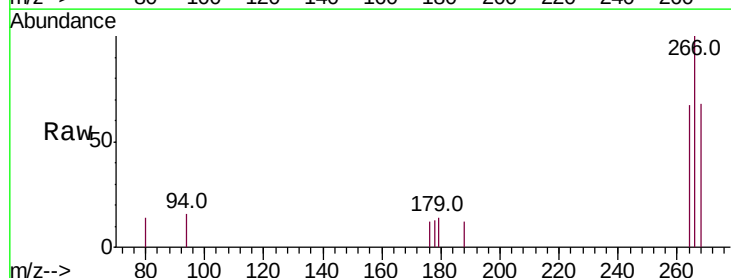
Tgt Ion:266 Resp: 611

Ion Ratio Lower Upper

266 100

264 63.3 51.5 77.3

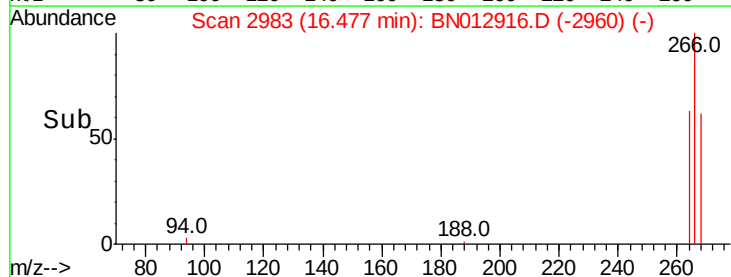
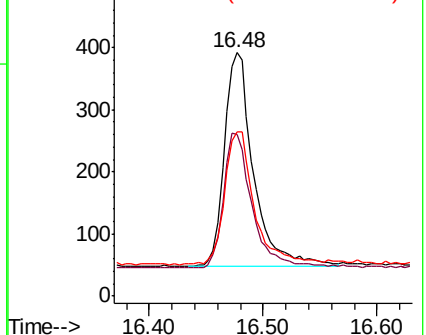
268 64.8 56.0 84.0

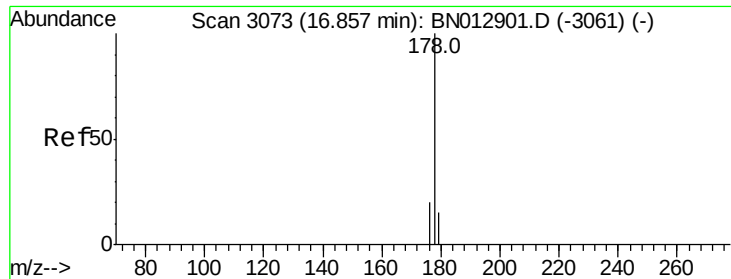


Abundance Ion 266.00 (265.70 to 266.70): E

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: BN012916.D

Acq: 06 Dec 2020 13:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

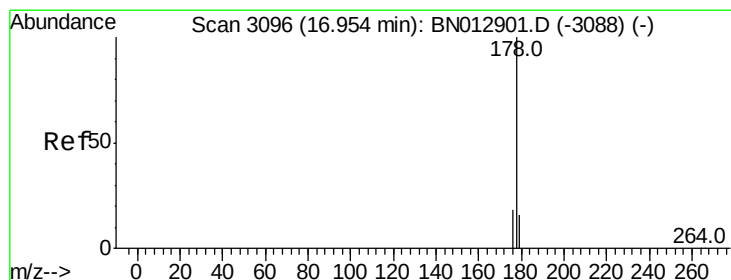
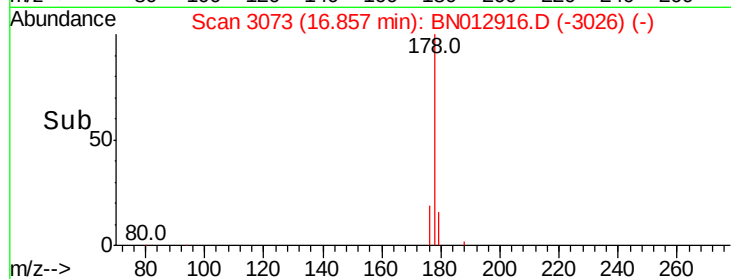
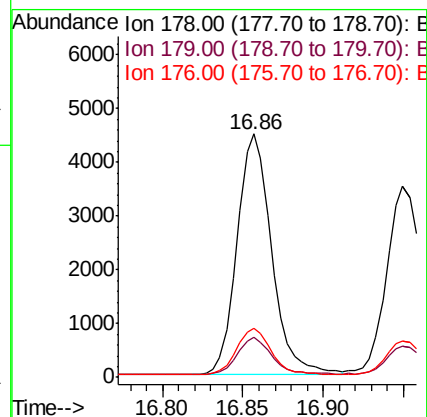
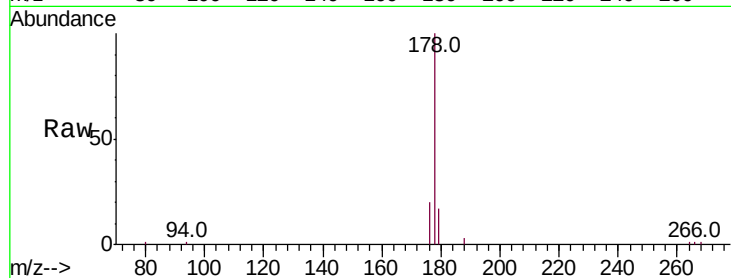
Tot Ion:178 Resp: 6697

Ion Ratio Lower Upper

178 100

179 16.6 13.6 20.4

176 20.0 16.4 24.6



#13

Anthracene

Concen: 0.413 ng/ul

RT: 16.95 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

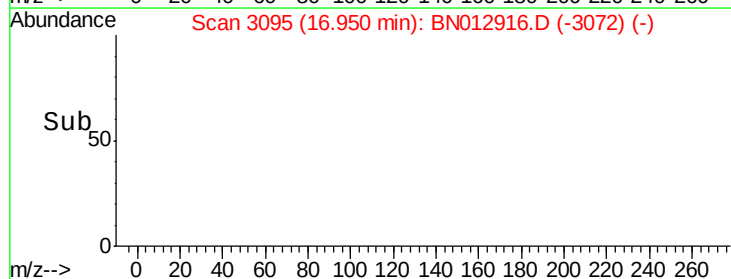
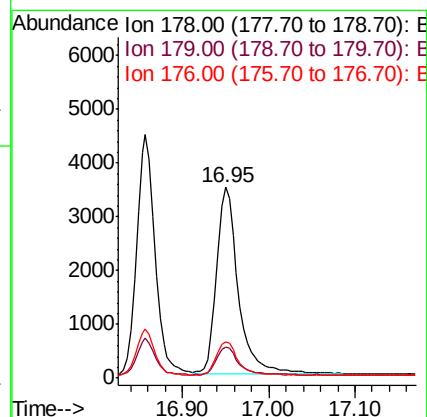
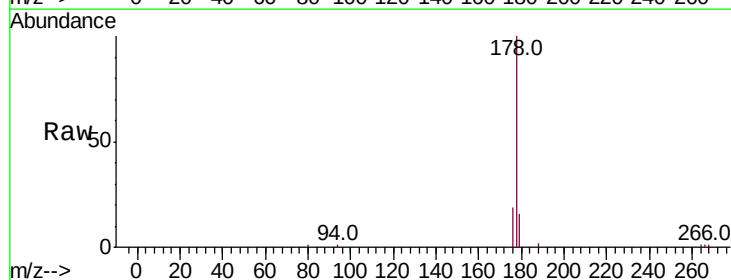
Tgt Ion:178 Resp: 5943

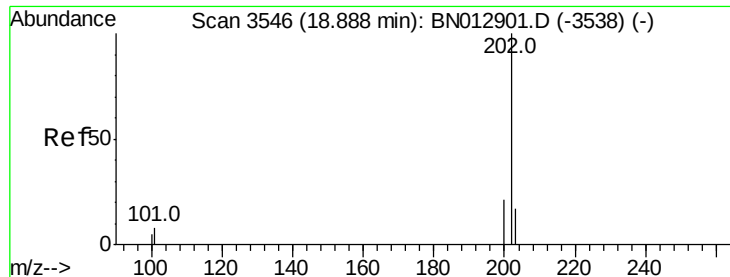
Ion Ratio Lower Upper

178 100

179 16.4 14.6 21.8

176 19.3 17.1 25.7

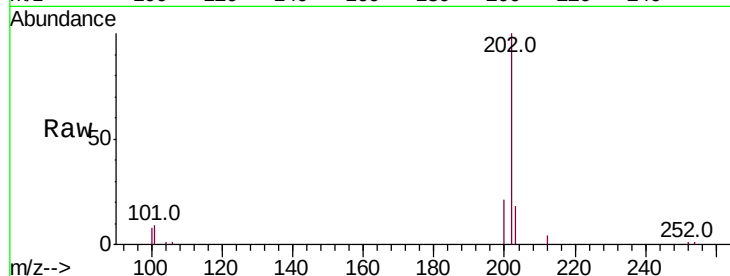




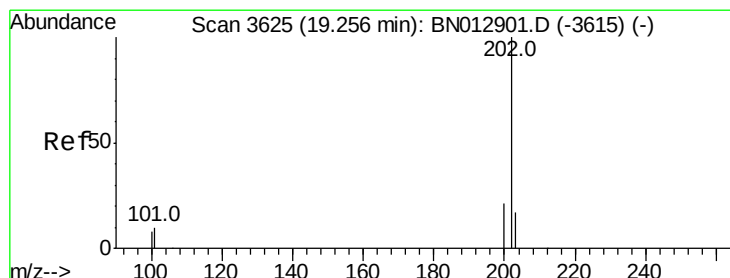
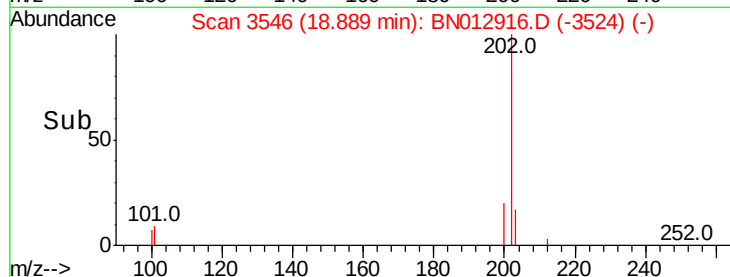
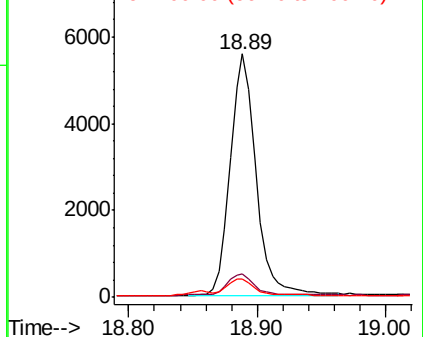
#15
Fluoranthene
Concen: 0.385 ng/ul
RT: 18.89 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BN012916.D
Acq: 06 Dec 2020 13:41

Instrument :
BNA_N
ClientSampleId :
SSTD0.416

Tot Ion:202 Resp: 7734
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.6
100 7.7 0.0 28.7

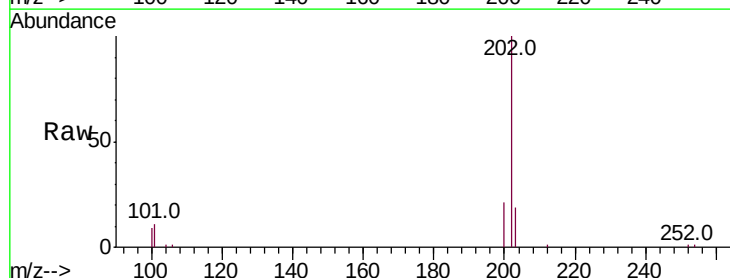


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

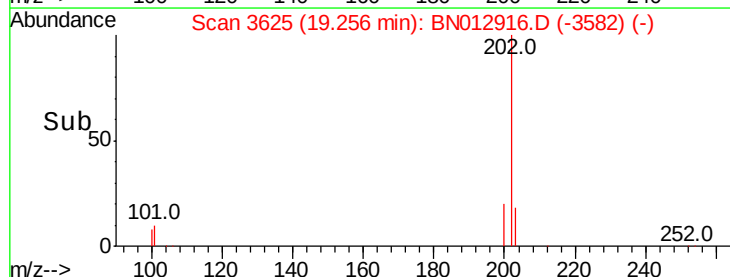
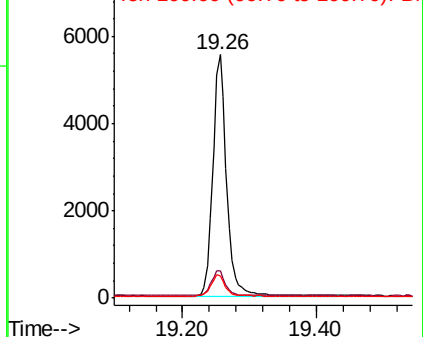


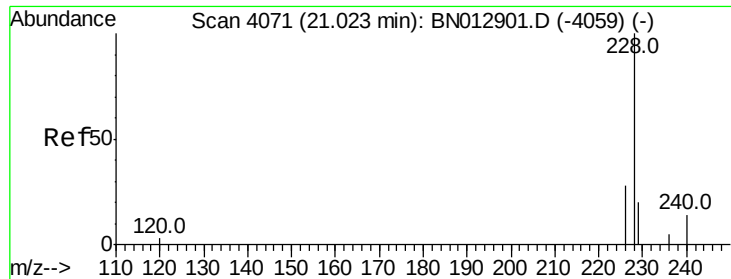
#17
Pyrene
Concen: 0.411 ng/ul
RT: 19.26 min Scan# 3625
Delta R.T. 0.00 min
Lab File: BN012916.D
Acq: 06 Dec 2020 13:41

Tgt Ion:202 Resp: 7902
Ion Ratio Lower Upper
202 100
101 11.1 9.1 13.7
100 8.9 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: 0.396 ng/ul

RT: 21.02 min Scan# 4070

Delta R.T. -0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

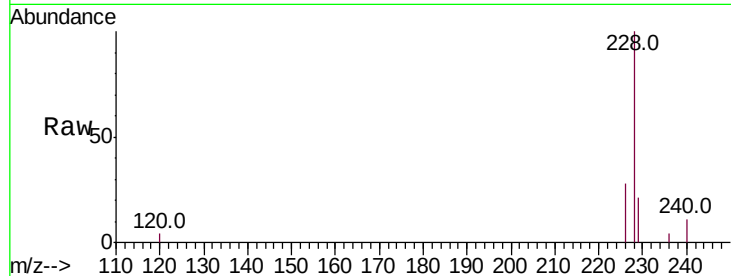
Tot Ion:228 Resp: 6659

Ion Ratio Lower Upper

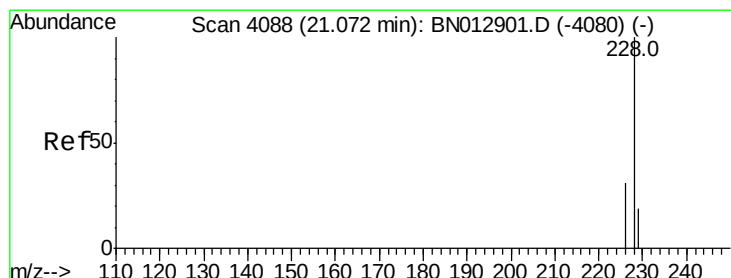
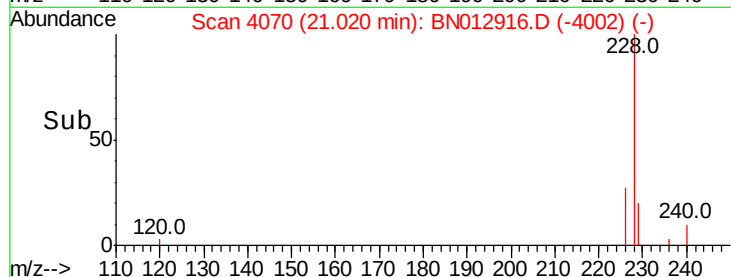
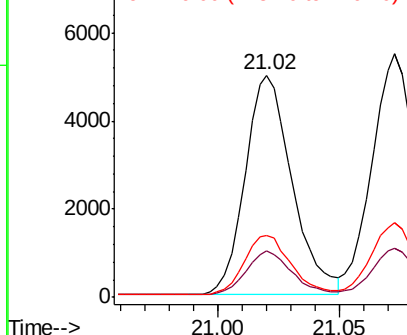
228 100

229 20.9 16.3 24.5

226 28.1 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: 0.404 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. 0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

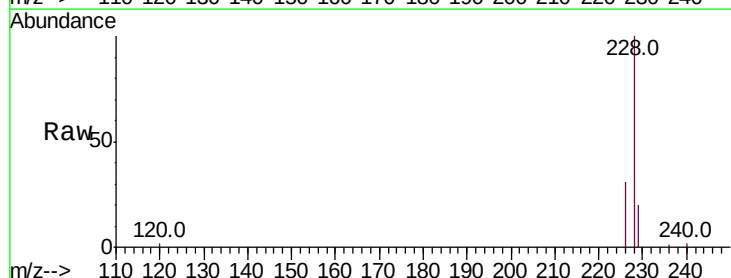
Tgt Ion:228 Resp: 7519

Ion Ratio Lower Upper

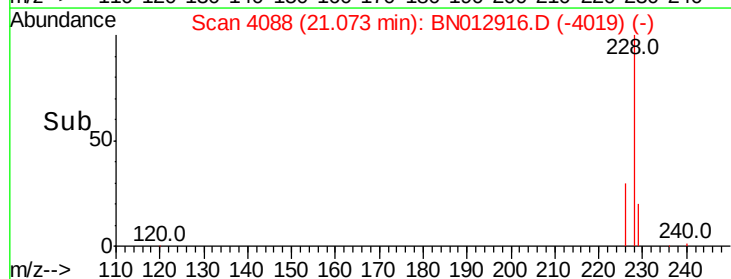
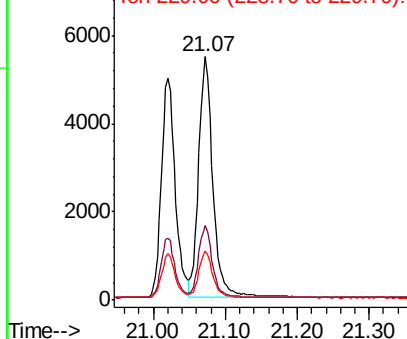
228 100

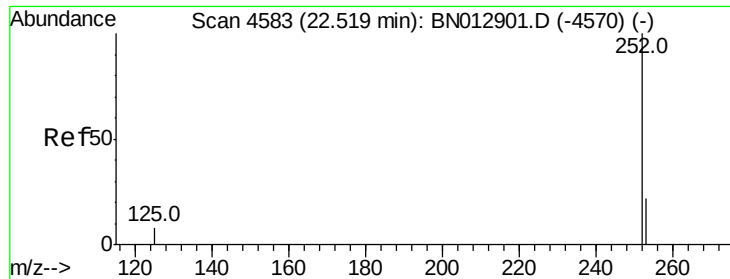
226 30.6 25.0 37.6

229 20.4 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: 0.405 ng/ul

RT: 22.52 min Scan# 4582

Delta R.T. -0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

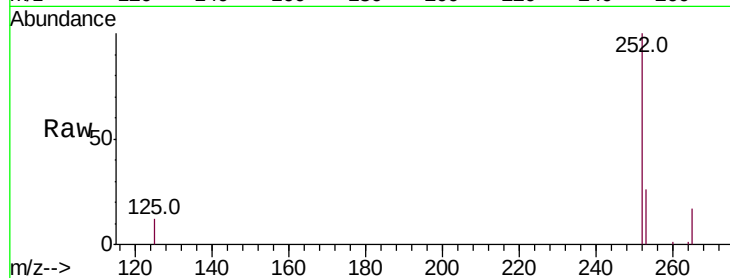
Tot Ion:252 Resp: 7704

Ion Ratio Lower Upper

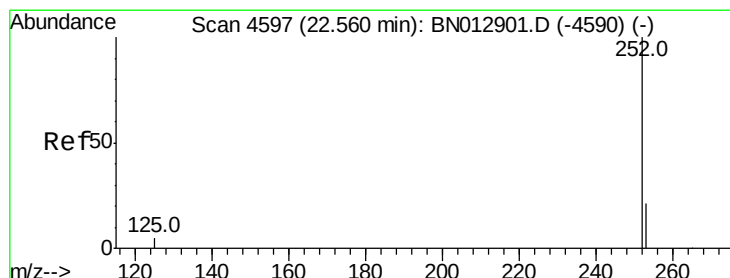
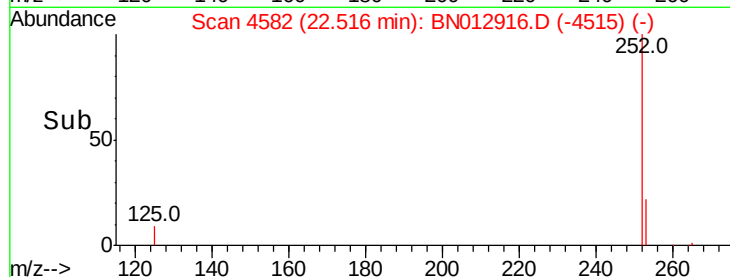
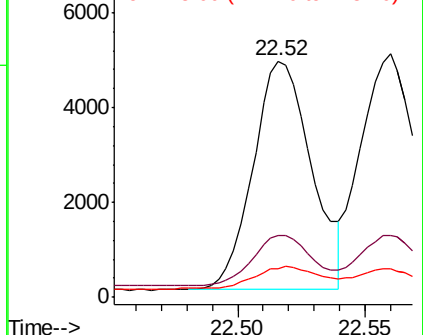
252 100

253 26.2 0.0 59.6

125 12.1 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: 0.390 ng/ul

RT: 22.56 min Scan# 4597

Delta R.T. 0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

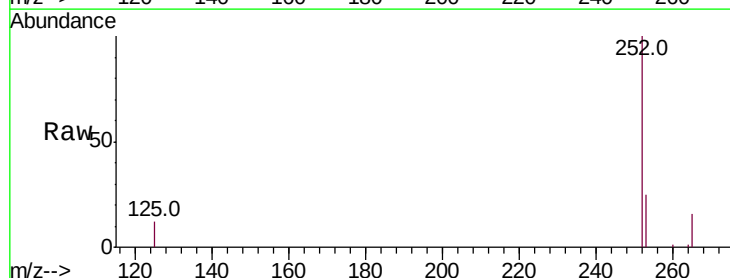
Tgt Ion:252 Resp: 8190

Ion Ratio Lower Upper

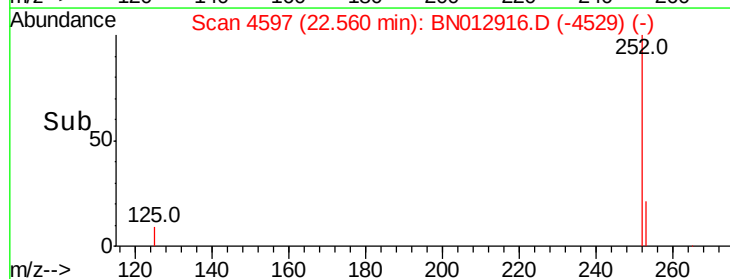
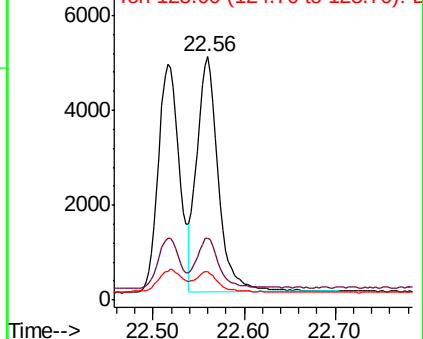
252 100

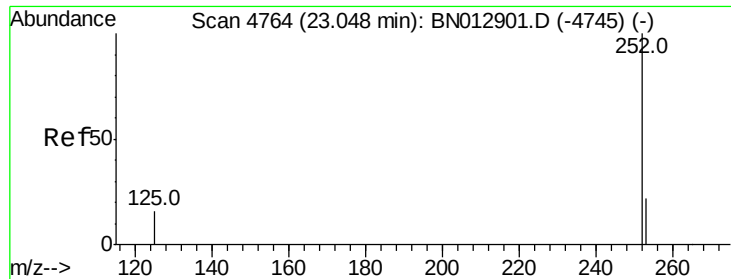
253 25.3 23.4 35.2

125 11.8 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: 0.401 ng/ul

RT: 23.05 min Scan# 4764

Delta R.T. 0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.416

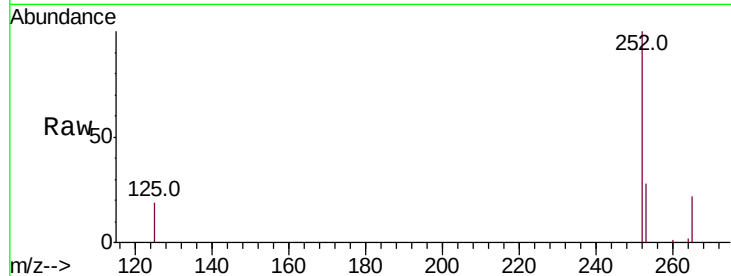
Tot Ion:252 Resp: 7072

Ion Ratio Lower Upper

252 100

253 28.5 26.5 39.7

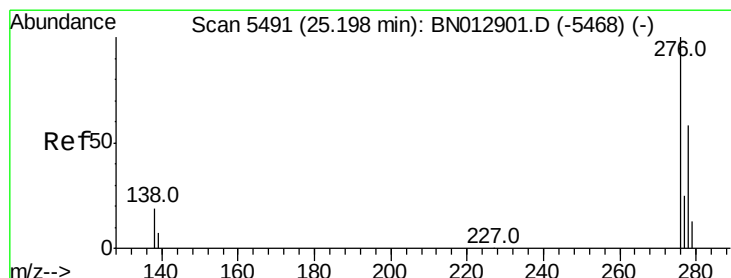
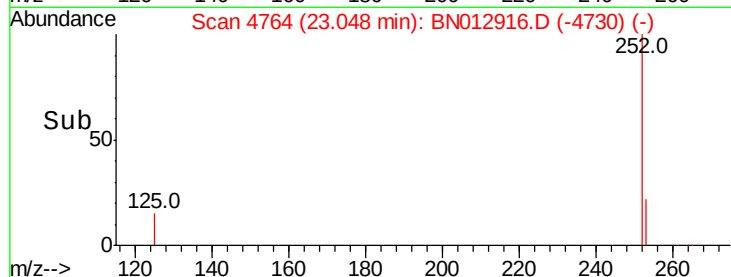
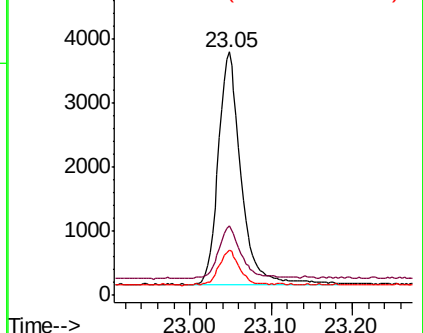
125 18.7 14.2 21.2



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: 0.367 ng/ul

RT: 25.20 min Scan# 5490

Delta R.T. -0.00 min

Lab File: BN012916.D

Acq: 06 Dec 2020 13:41

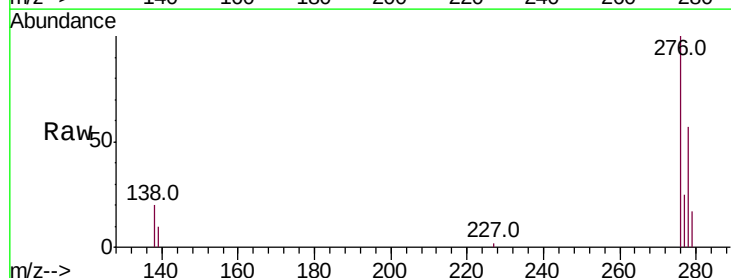
Tgt Ion:276 Resp: 8504

Ion Ratio Lower Upper

276 100

138 0.0 16.2 24.2#

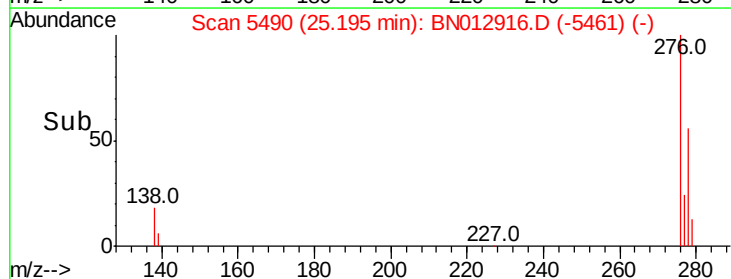
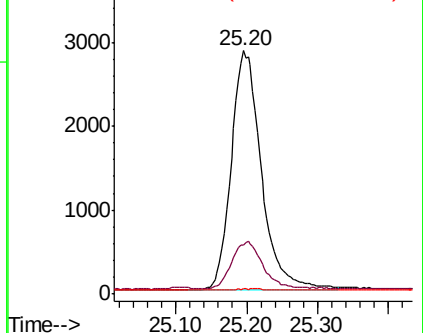
227 0.1 0.0 0.0#

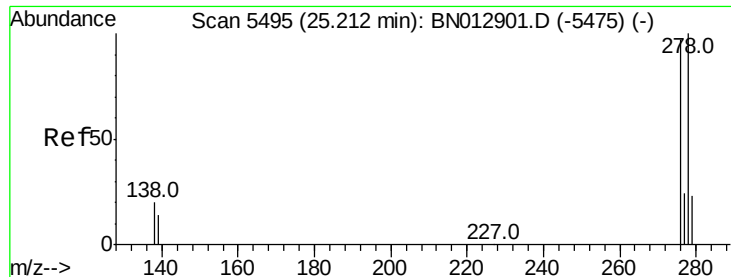


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



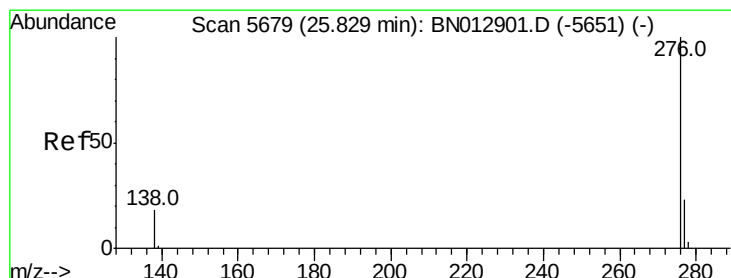
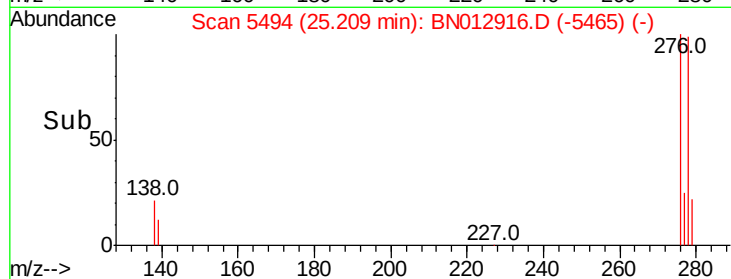
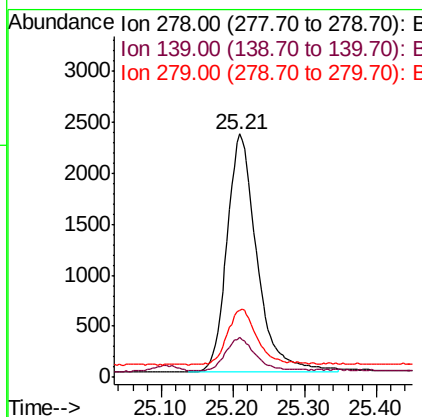
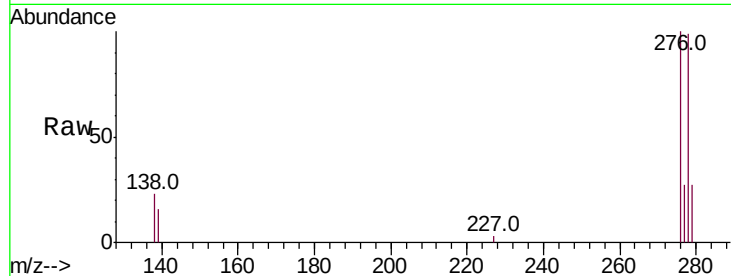


#25
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 25.21 min Scan# 5494
Delta R.T. -0.00 min
Lab File: BN012916.D
Acq: 06 Dec 2020 13:41

Instrument :
BNA_N
ClientSampleId :
SSTD0.416

Tot Ion:278 Resp: 6800

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.5	21.7
279	27.4	26.3	39.5



#26
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul
RT: 25.82 min Scan# 5677
Delta R.T. -0.01 min
Lab File: BN012916.D
Acq: 06 Dec 2020 13:41

Tgt Ion:276 Resp: 7329

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.3	24.5
277	25.4	21.8	32.6

