

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
 Data File : BN011318.D
 Acq On : 31 Jul 2020 03:04
 Operator : CG/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.409

Quant Time: Jul 31 03:55:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 02:58:38 2020
 Response via : Initial Calibration

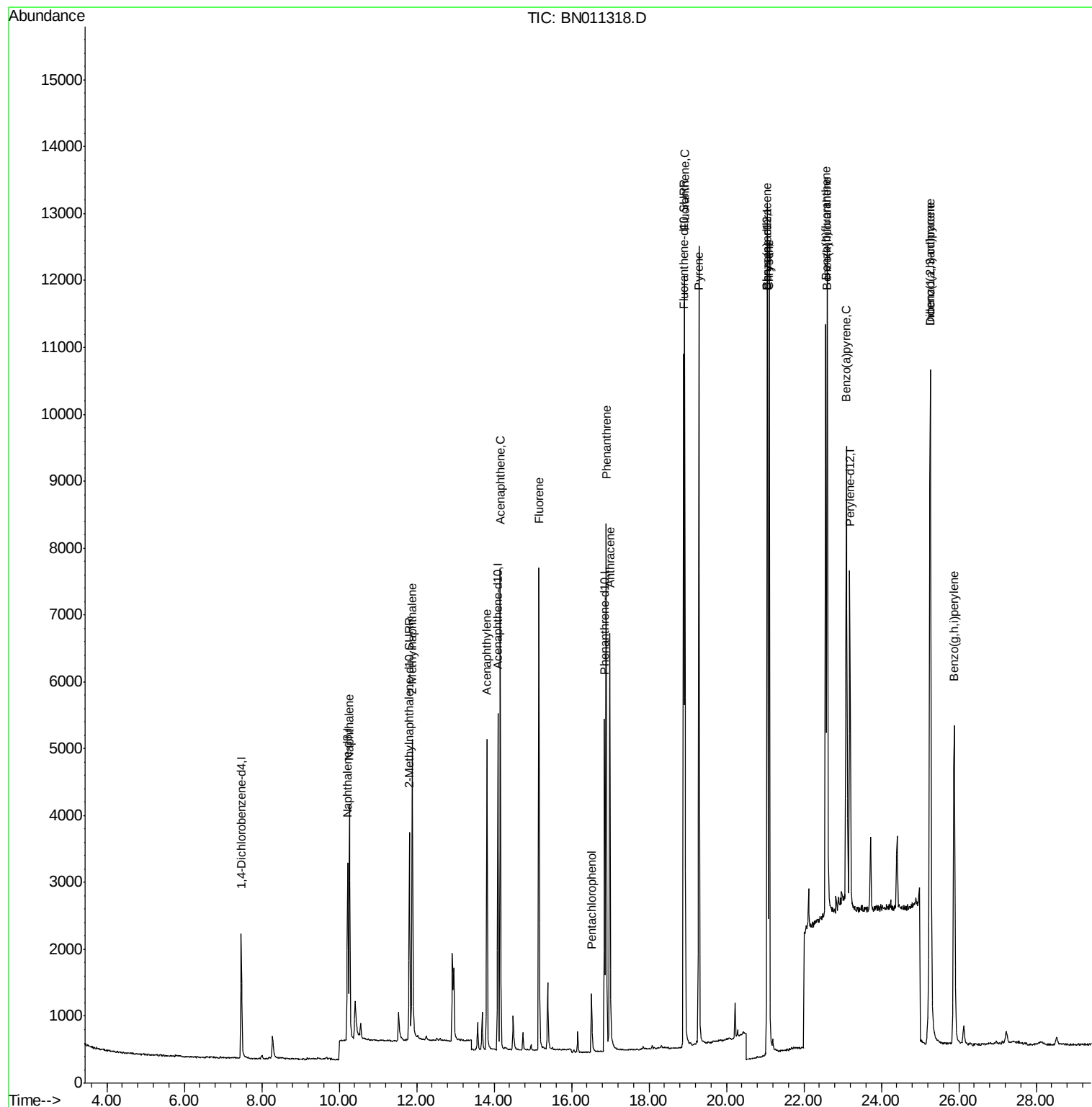
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1097	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4093	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2652	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	6155	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	5973	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	6349	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	4774	0.46	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	12332	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.26	128	4989	0.410	ng/ul	98
5) 2-Methylnaphthalene	11.89	142	3762	0.461	ng/ul	98
7) Acenaphthylene	13.82	152	5611	0.443	ng/ul	98
8) Acenaphthene	14.16	153	4179	0.415	ng/ul	98
9) Fluorene	15.16	166	4940	0.417	ng/ul	100
11) Pentachlorophenol	16.52	266	667	0.442	ng/ul	98
12) Phenanthrene	16.89	178	8426	0.413	ng/ul	99
13) Anthracene	16.99	178	7529	0.423	ng/ul	99
15) Fluoranthene	18.93	202	10324	0.411	ng/ul	98
17) Pyrene	19.29	202	10769	0.397	ng/ul	99
18) Benzo(a)anthracene	21.05	228	9772	0.426	ng/ul	99
19) Chrysene	21.10	228	10905	0.415	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	10584	0.399	ng/ul	98
22) Benzo(k)fluoranthene	22.61	252	11848	0.399	ng/ul	98
23) Benzo(a)pyrene	23.10	252	9924	0.431	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.26	276	11723	0.484	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.27	278	9267	0.481	ng/ul	100
26) Benzo(g,h,i)perylene	25.88	276	9560	0.437	ng/ul	99

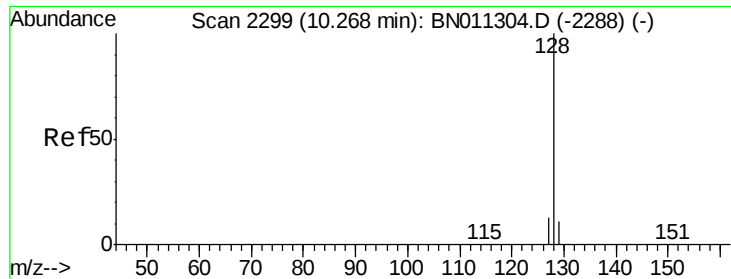
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.410 ng/ul

RT: 10.26 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.409

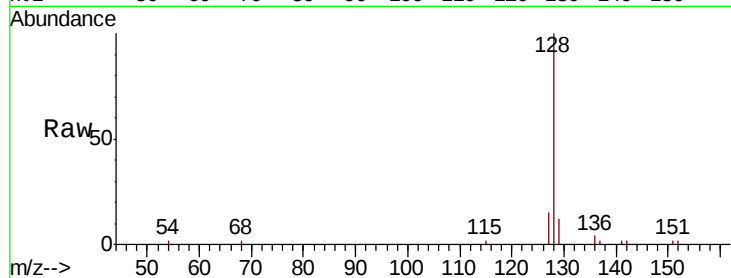
Tot Ion:128 Resp: 4989

Ion Ratio Lower Upper

128 100

129 12.5 9.6 14.4

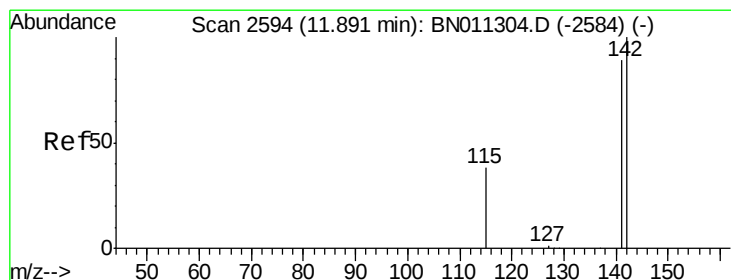
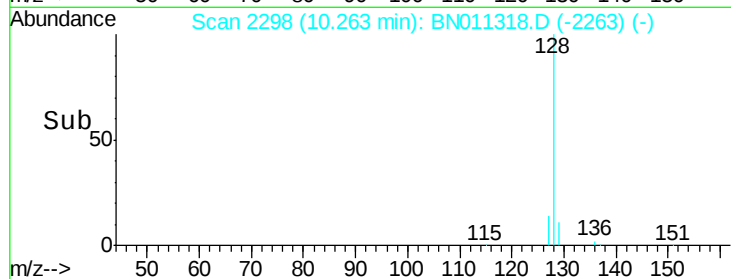
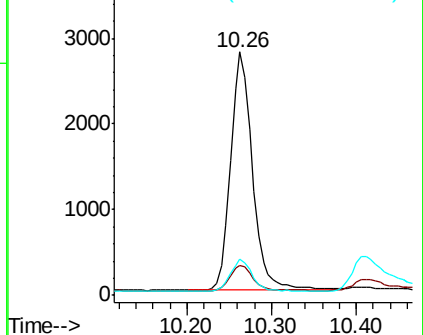
127 15.0 11.2 16.8



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: 0.461 ng/ul

RT: 11.89 min Scan# 2593

Delta R.T. -0.01 min

Lab File: BN011318.D

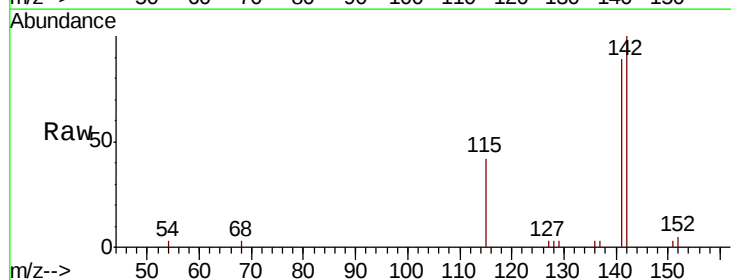
Acq: 31 Jul 2020 03:04

Tgt Ion:142 Resp: 3762

Ion Ratio Lower Upper

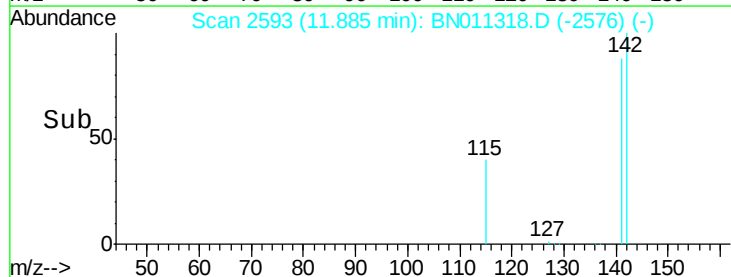
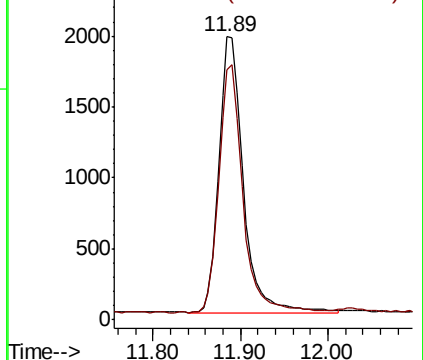
142 100

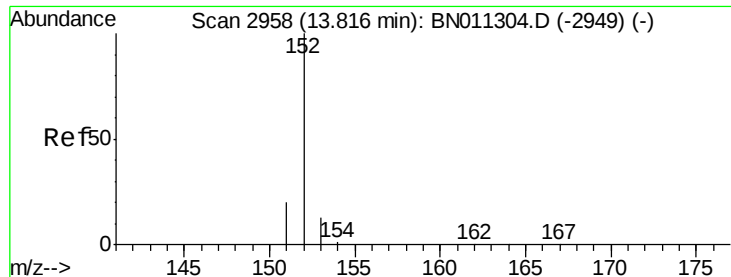
141 88.6 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.443 ng/ul

RT: 13.82 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

Instrument :

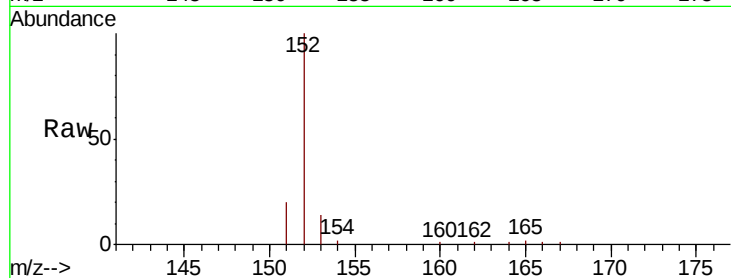
BNA_N

ClientSampleId :

SSTD0.409

Tot Ion:152 Resp: 5611

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.1	25.7
153	14.3	11.4	17.0

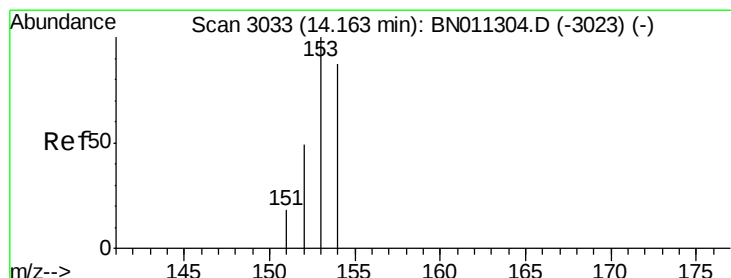
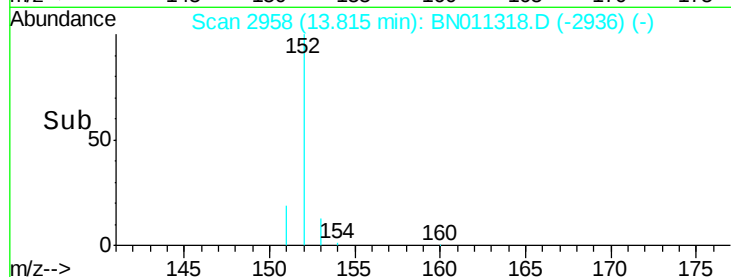
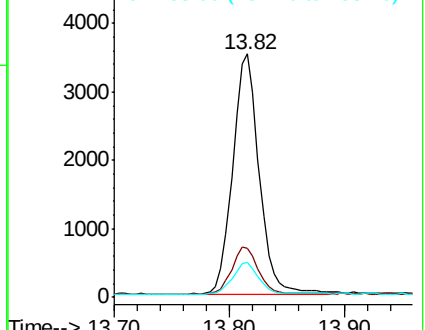


Abundance

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: 0.415 ng/ul

RT: 14.16 min Scan# 3033

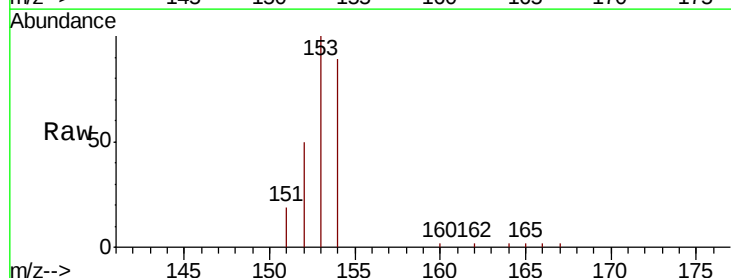
Delta R.T. -0.00 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

Tgt Ion:153 Resp: 4179

Ion	Ratio	Lower	Upper
153	100		
152	49.7	40.5	60.7
154	88.6	69.5	104.3

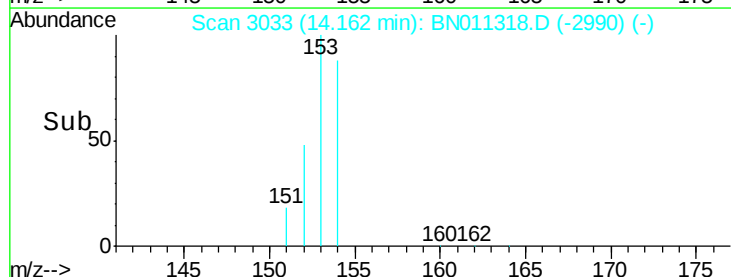
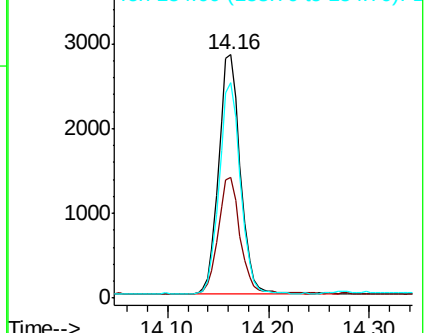


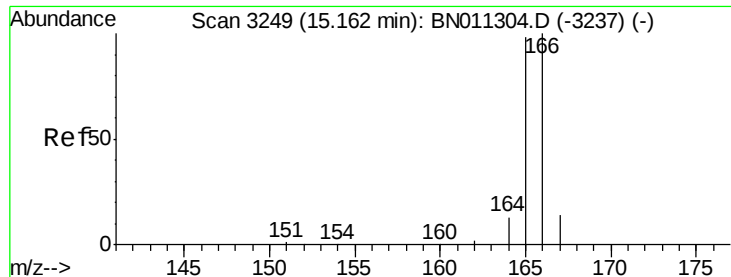
Abundance

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: 0.417 ng/ul

RT: 15.16 min Scan# 3248

Delta R.T. -0.00 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.409

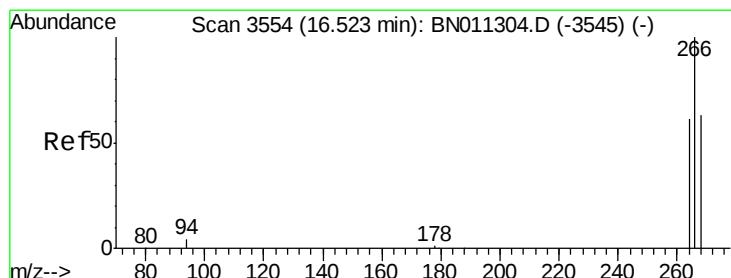
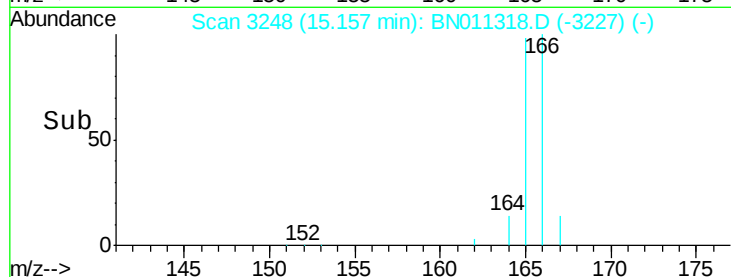
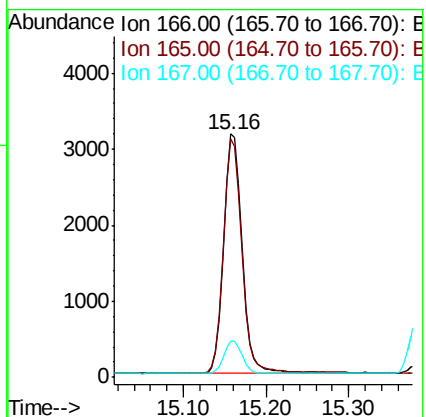
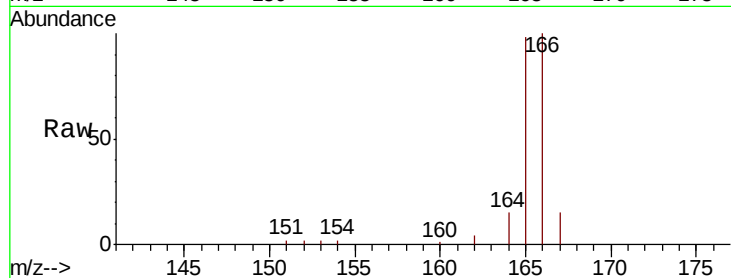
Tot Ion:166 Resp: 4940

Ion Ratio Lower Upper

166 100

165 98.2 78.8 118.2

167 14.9 12.1 18.1



#11

Pentachlorophenol

Concen: 0.442 ng/ul

RT: 16.52 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

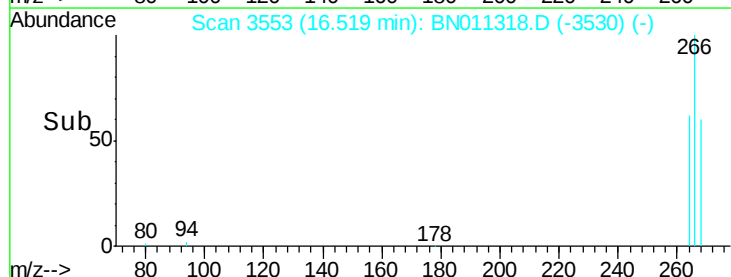
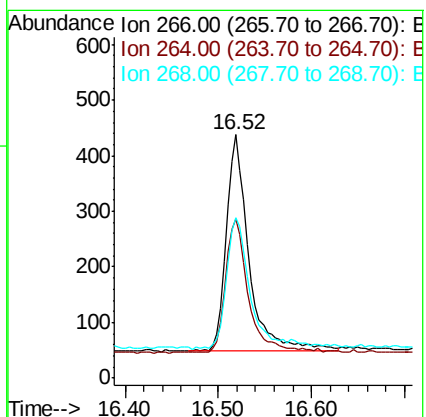
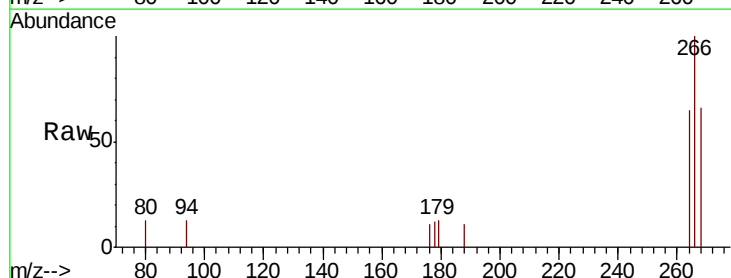
Tgt Ion:266 Resp: 667

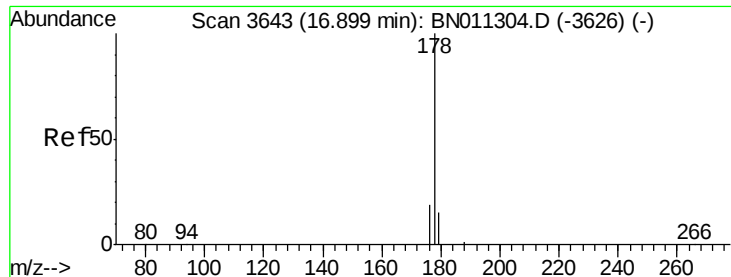
Ion Ratio Lower Upper

266 100

264 63.3 50.7 76.1

268 67.3 51.3 76.9





#12

Phenanthrene

Concen: 0.413 ng/ul

RT: 16.89 min Scan# 3642

Delta R.T. -0.00 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.409

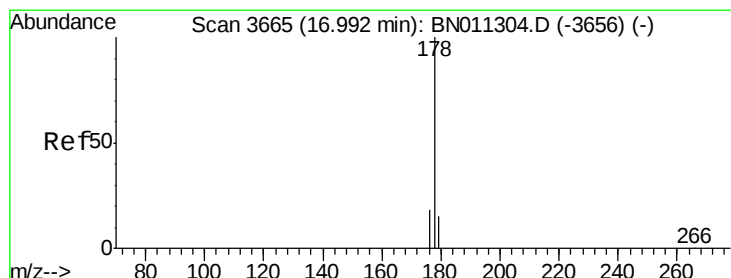
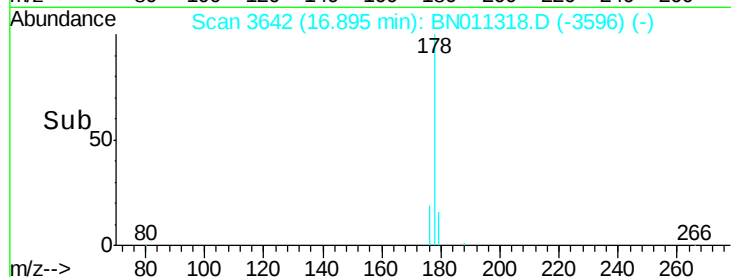
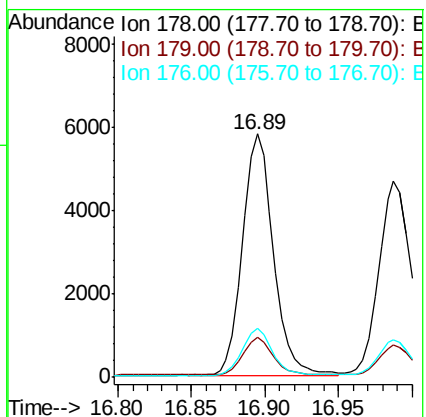
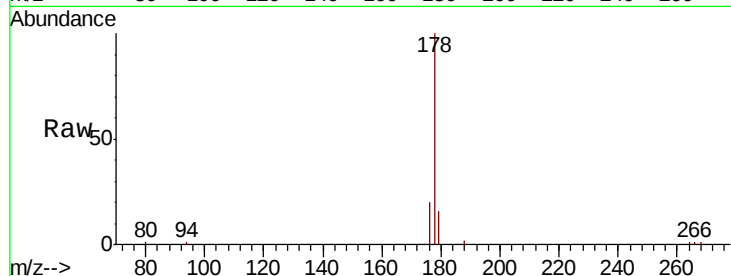
Tot Ion:178 Resp: 8426

Ion Ratio Lower Upper

178 100

179 16.4 12.6 18.8

176 20.0 15.7 23.5



#13

Anthracene

Concen: 0.423 ng/ul

RT: 16.99 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

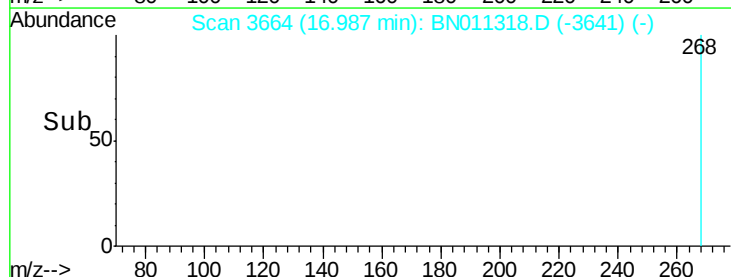
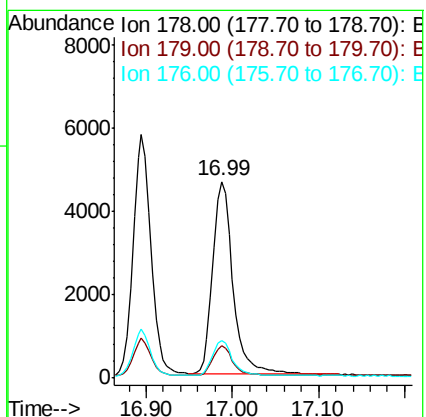
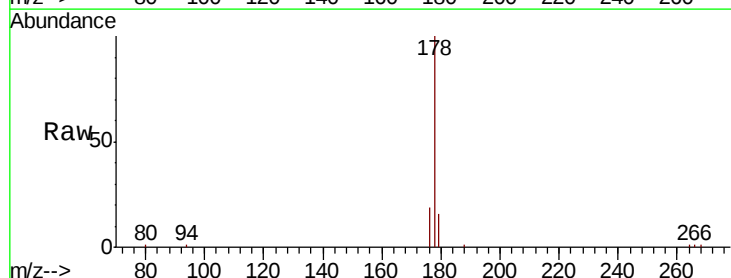
Tgt Ion:178 Resp: 7529

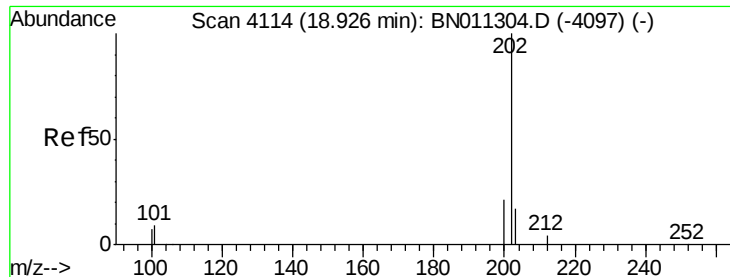
Ion Ratio Lower Upper

178 100

179 16.5 13.1 19.7

176 19.3 14.8 22.2





#15

Fluoranthene

Concen: 0.411 ng/ul

RT: 18.93 min Scan# 4114

Delta R.T. -0.00 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.409

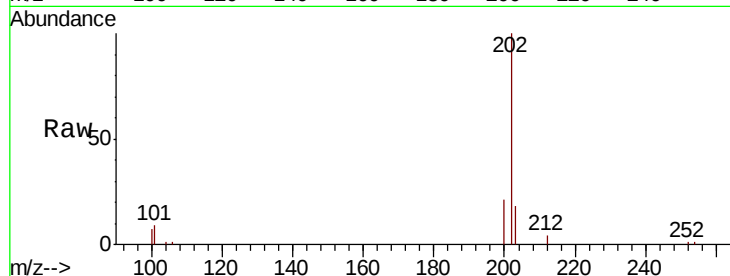
Tot Ion:202 Resp: 10324

Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.2

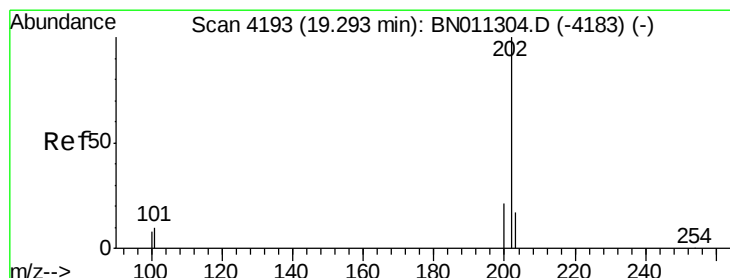
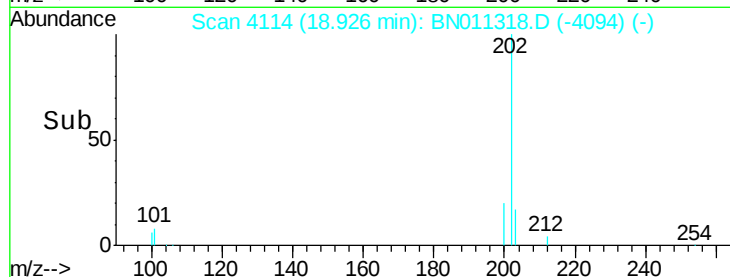
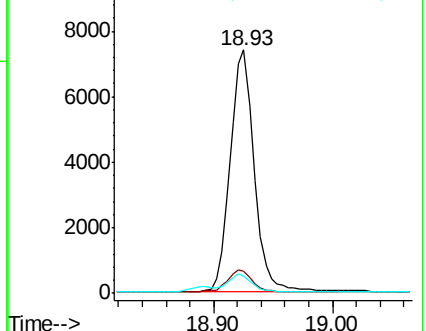
100 7.0 0.0 26.8



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: 0.397 ng/ul

RT: 19.29 min Scan# 4192

Delta R.T. -0.00 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

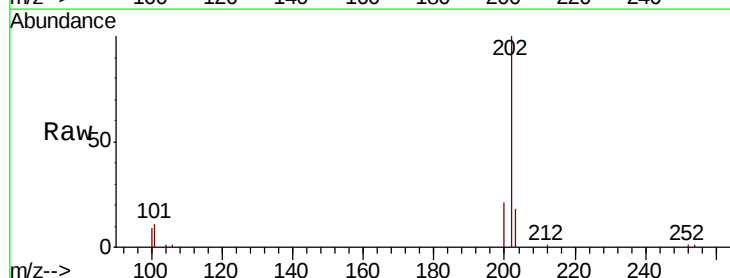
Tgt Ion:202 Resp: 10769

Ion Ratio Lower Upper

202 100

101 10.9 8.5 12.7

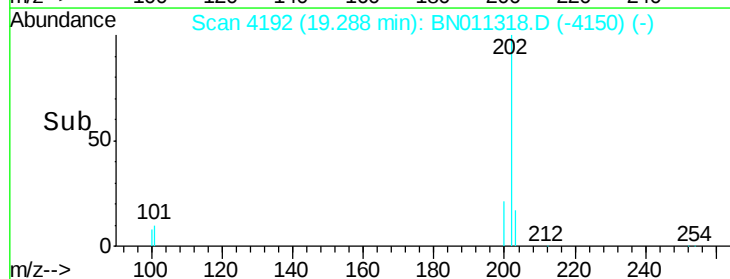
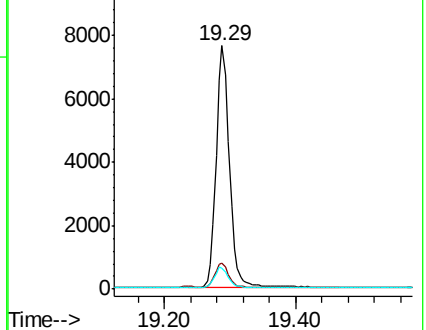
100 8.7 7.1 10.7

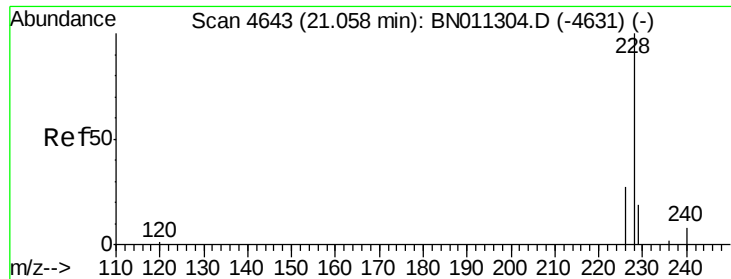


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.426 ng/ul

RT: 21.05 min Scan# 4642

Delta R.T. -0.01 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.409

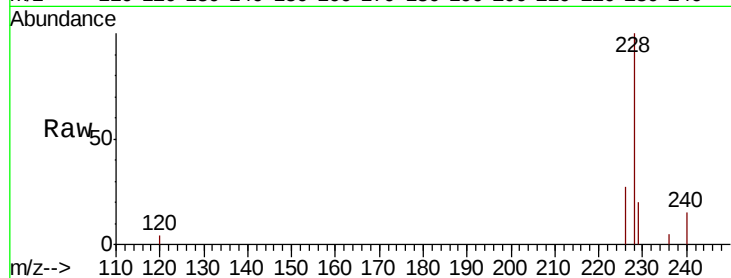
Tot Ion:228 Resp: 9772

Ion Ratio Lower Upper

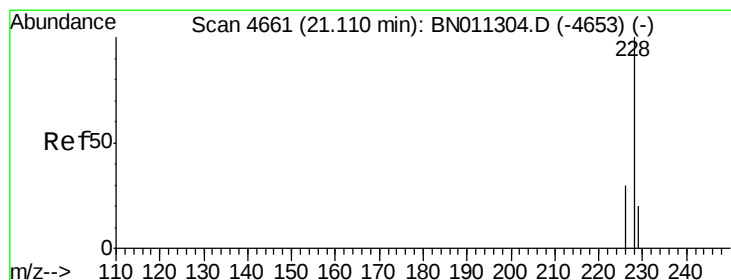
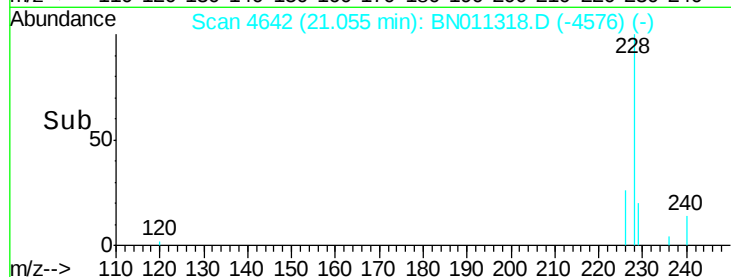
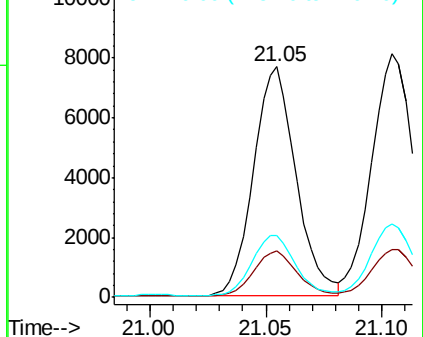
228 100

229 20.4 16.1 24.1

226 27.0 22.2 33.2



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: 0.415 ng/ul

RT: 21.10 min Scan# 4659

Delta R.T. -0.01 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

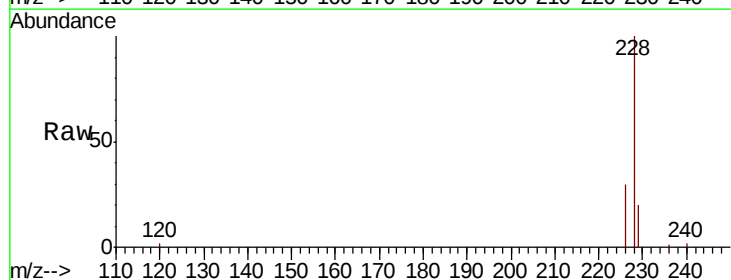
Tgt Ion:228 Resp: 10905

Ion Ratio Lower Upper

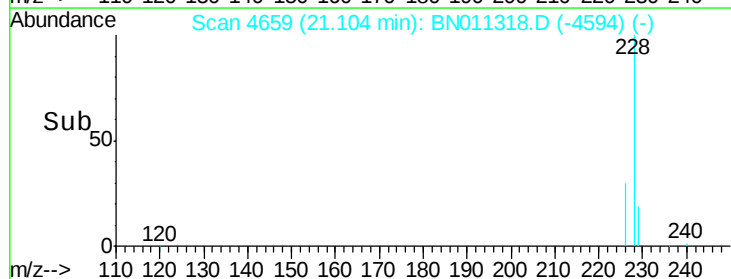
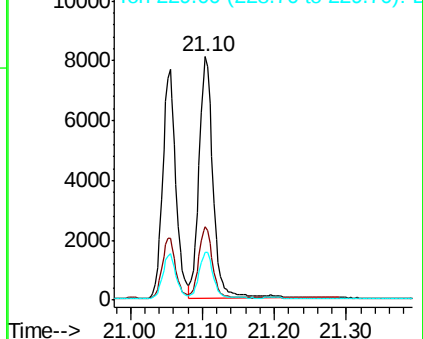
228 100

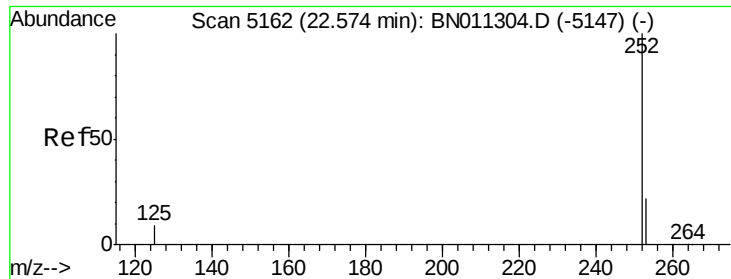
226 30.2 24.5 36.7

229 19.6 15.8 23.6



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: 0.399 ng/ul

RT: 22.56 min Scan# 5158

Delta R.T. -0.01 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.409

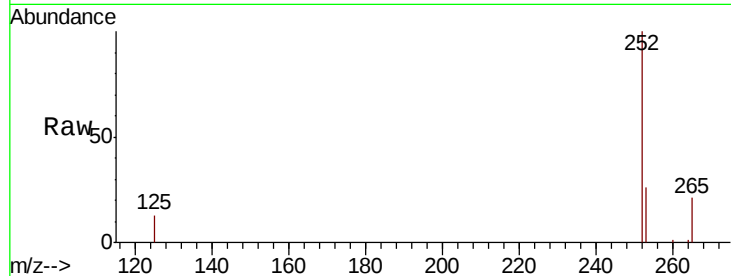
Tot Ion:252 Resp: 10584

Ion Ratio Lower Upper

252 100

253 26.5 0.0 51.8

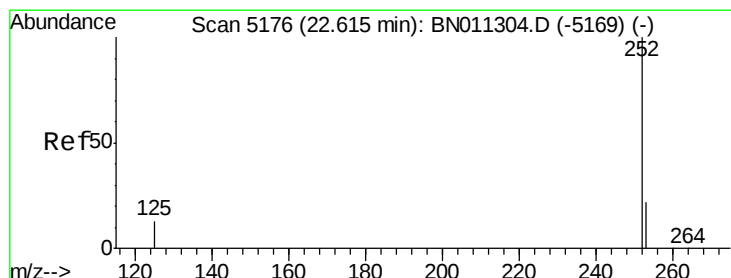
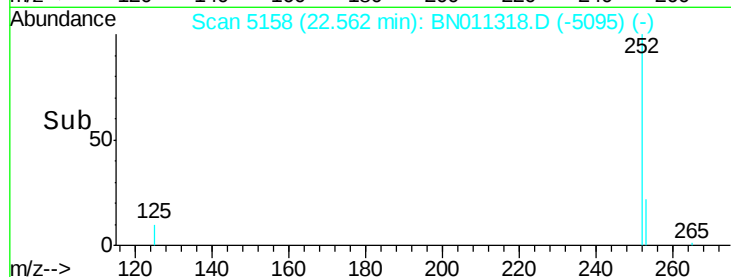
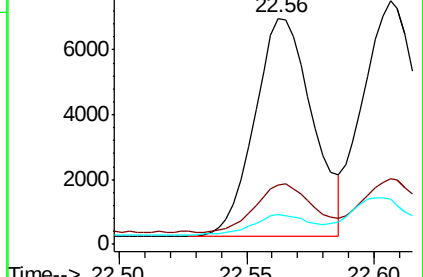
125 13.2 0.0 24.2



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



#22

Benzo(k)fluoranthene

Concen: 0.399 ng/ul

RT: 22.61 min Scan# 5173

Delta R.T. -0.01 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

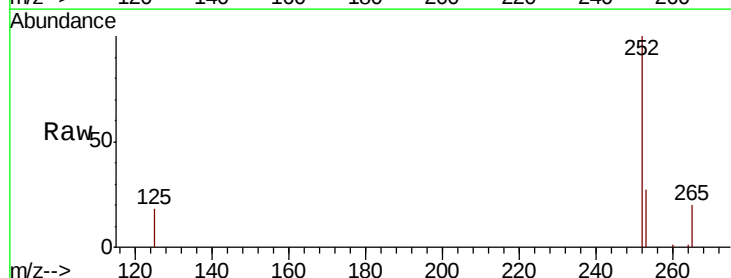
Tgt Ion:252 Resp: 11848

Ion Ratio Lower Upper

252 100

253 26.7 21.4 32.0

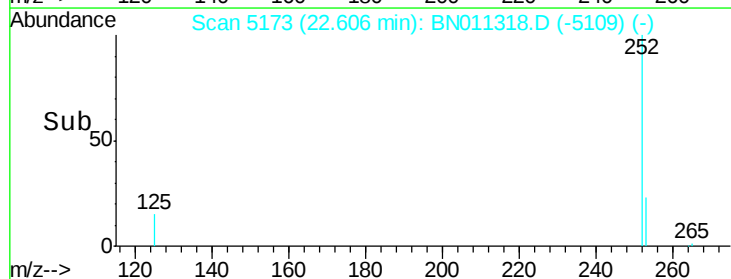
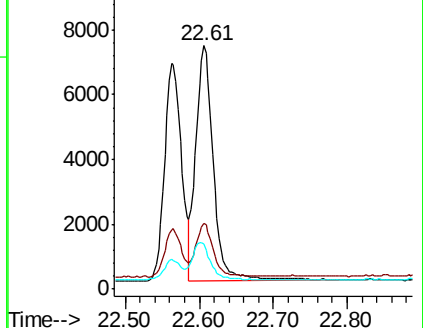
125 18.3 12.6 18.8

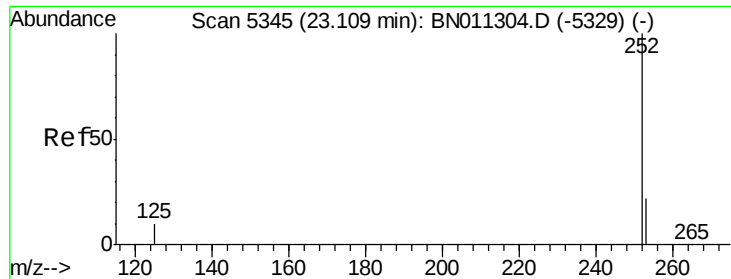


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.431 ng/ul

RT: 23.10 min Scan# 5341

Delta R.T. -0.01 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.409

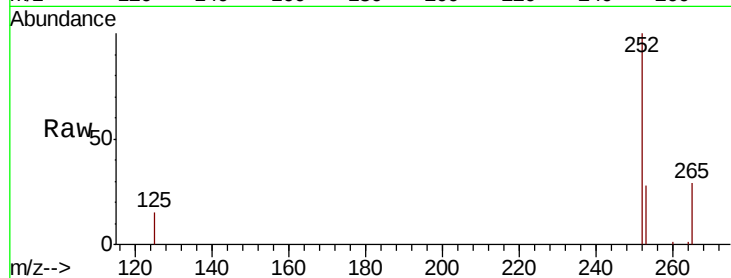
Tot Ion:252 Resp: 9924

Ion Ratio Lower Upper

252 100

253 28.0 22.6 34.0

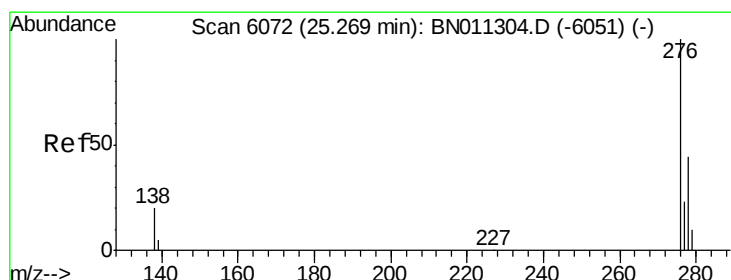
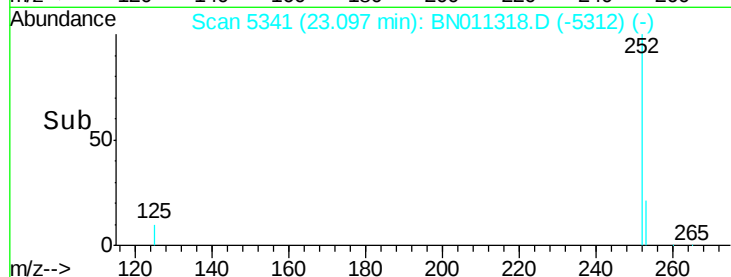
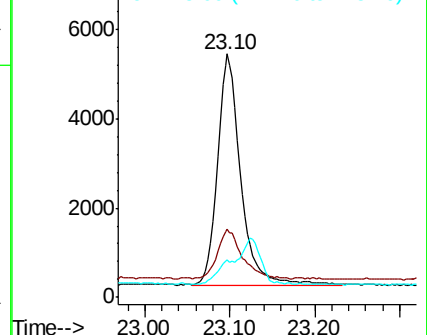
125 15.2 12.6 18.8



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.484 ng/ul

RT: 25.26 min Scan# 6069

Delta R.T. -0.02 min

Lab File: BN011318.D

Acq: 31 Jul 2020 03:04

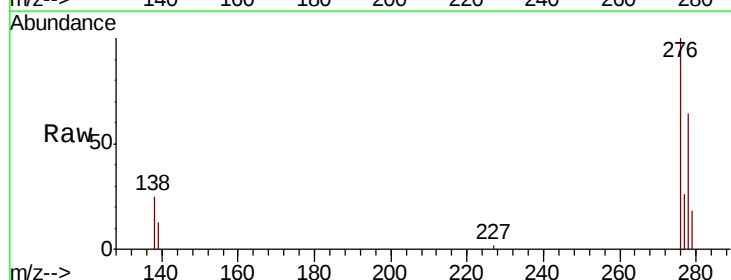
Tgt Ion:276 Resp: 11723

Ion Ratio Lower Upper

276 100

138 23.2 18.1 27.1

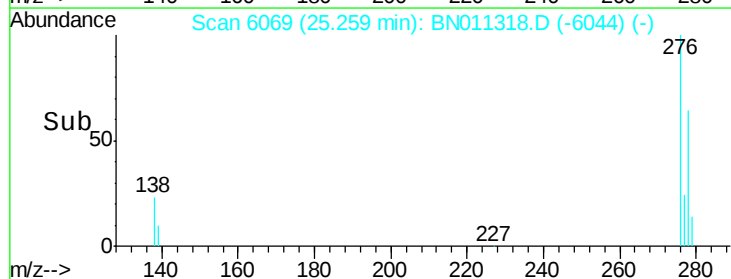
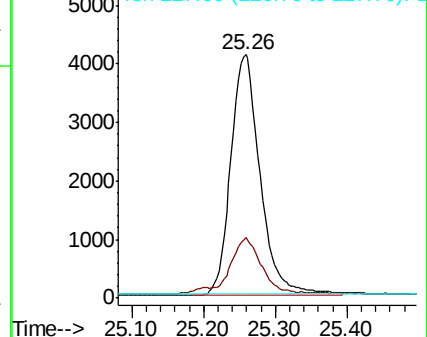
227 0.1 0.2 0.4#

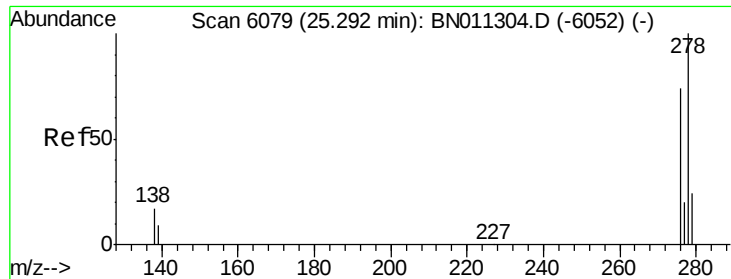


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

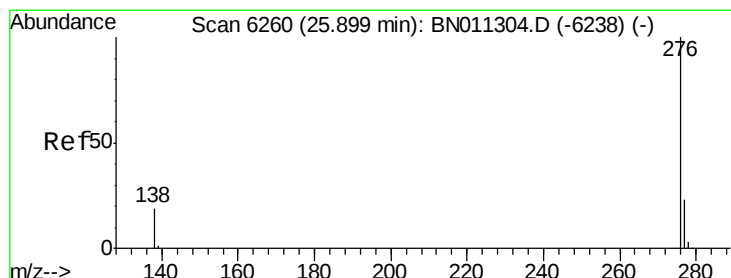
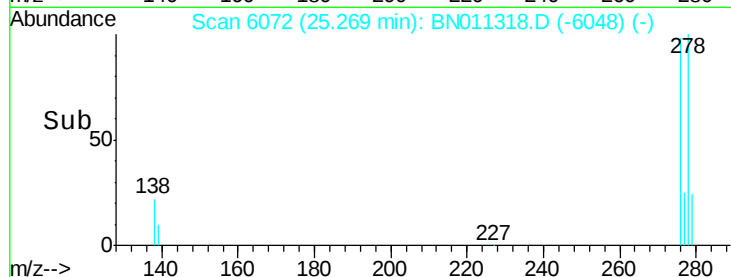
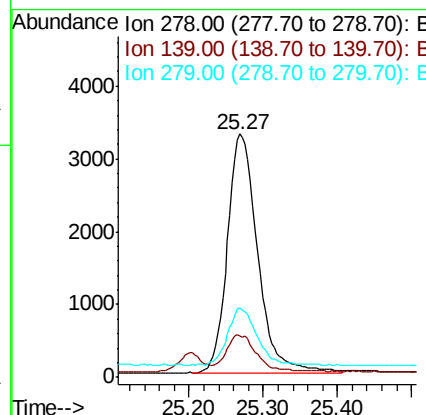
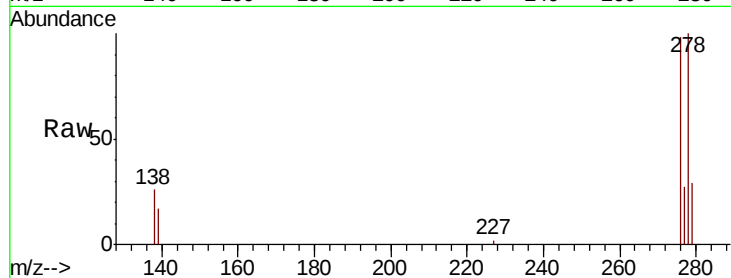




#25
Dibenzo(a,h)anthracene
Concen: 0.481 ng/ul
RT: 25.27 min Scan# 6072
Delta R.T. -0.02 min
Lab File: BN011318.D
Acq: 31 Jul 2020 03:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.409

Tot Ion:278 Resp: 9267
Ion Ratio Lower Upper
278 100
139 17.1 14.0 21.0
279 28.5 22.9 34.3



#26
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 25.88 min Scan# 6254
Delta R.T. -0.03 min
Lab File: BN011318.D
Acq: 31 Jul 2020 03:04

Tgt Ion:276 Resp: 9560
Ion Ratio Lower Upper
276 100
138 20.7 16.4 24.6
277 24.4 20.2 30.4

