

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112818\
 Data File : BN003651.D
 Acq On : 28 Nov 2018 12:17
 Operator : JU/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 28 13:13:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 28 01:42:39 2018
 Response via : Initial Calibration

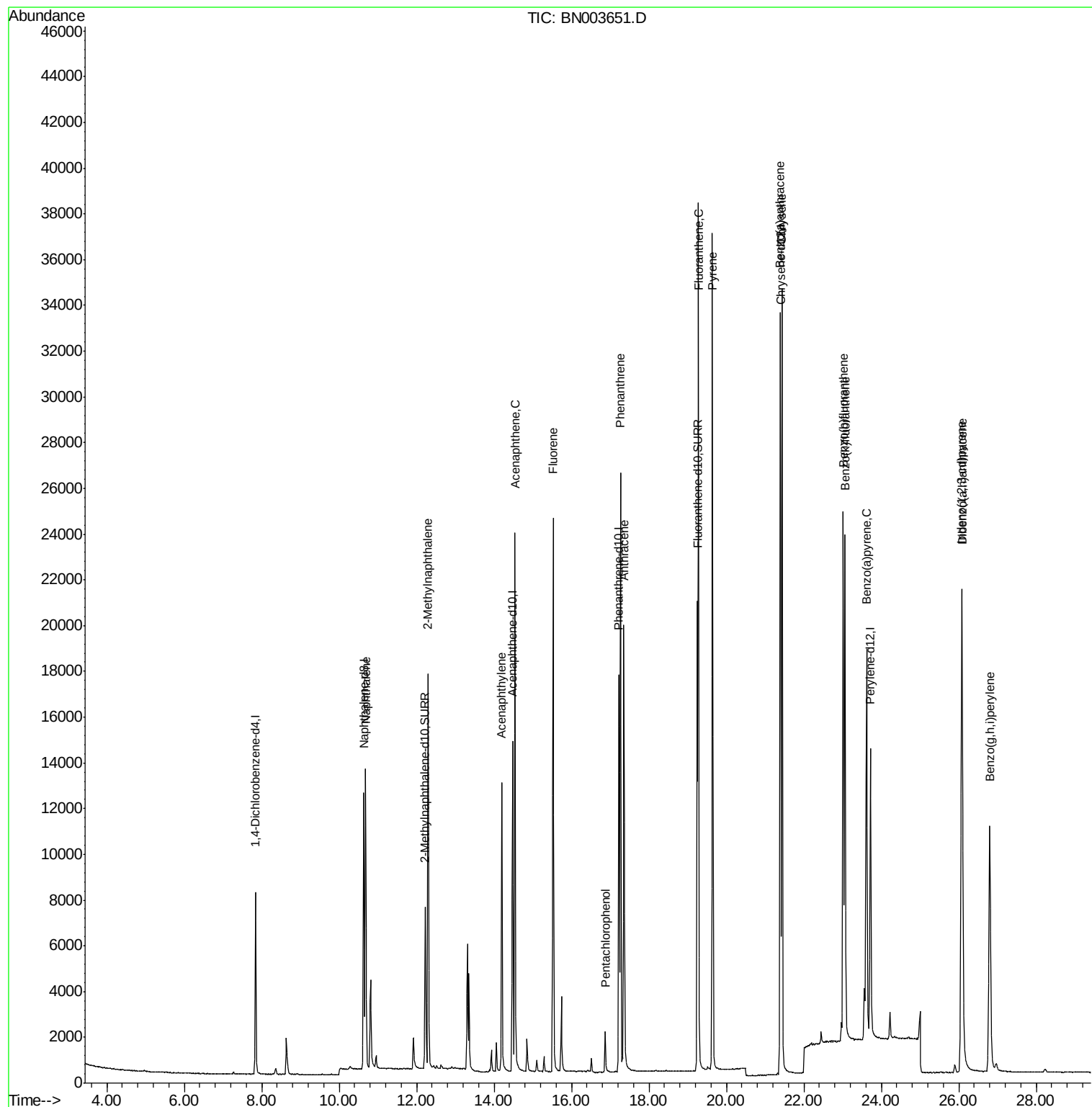
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4264	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	16396	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	8680	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	20653	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	19765	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	17631	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	9883	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	23056	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.69	128	18852	0.409	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	13130	0.408	ng/ul	99
7) Acenaphthylene	14.20	152	16063	0.411	ng/ul	100
8) Acenaphthene	14.54	153	14215	0.415	ng/ul	100
9) Fluorene	15.52	166	16300	0.408	ng/ul	99
11) Pentachlorophenol	16.87	266	1436	0.386	ng/ul	99
12) Phenanthrene	17.26	178	28354	0.418	ng/ul	100
13) Anthracene	17.35	178	23046	0.414	ng/ul	100
15) Fluoranthene	19.28	202	32072	0.401	ng/ul	98
17) Pyrene	19.64	202	31534	0.445	ng/ul	98
18) Benzo(a)anthracene	21.39	228	25455	0.408	ng/ul	98
19) Chrysene	21.44	228	29740	0.416	ng/ul	100
21) Benzo(b)fluoranthene	23.02	252	30802	0.422	ng/ul	98
22) Benzo(k)fluoranthene	23.06	252	29063	0.409	ng/ul	99
23) Benzo(a)pyrene	23.62	252	26306	0.417	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.07	276	28389	0.392	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.09	278	21881	0.375	ng/ul	99
26) Benzo(g,h,i)perylene	26.80	276	24786	0.394	ng/ul	98

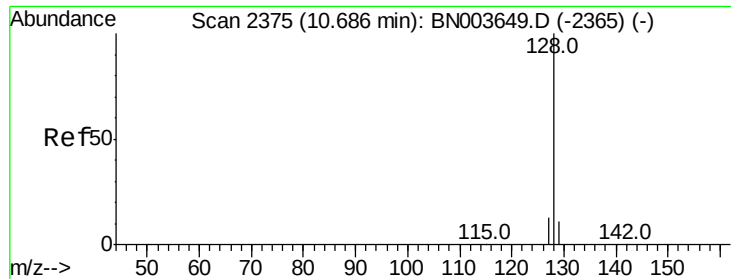
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 28 13:13:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 28 01:42:39 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.409 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

Instrument :

BNA_N

ClientSampleId :

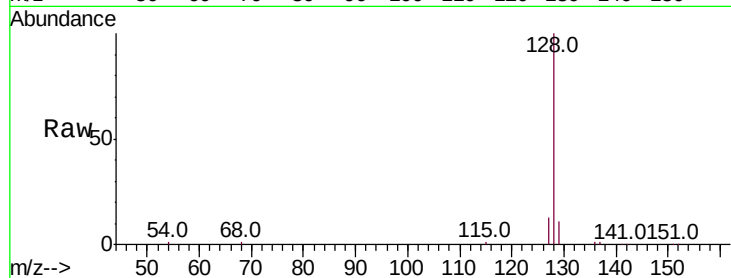
Tot Ion:128 Resp: 18852

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

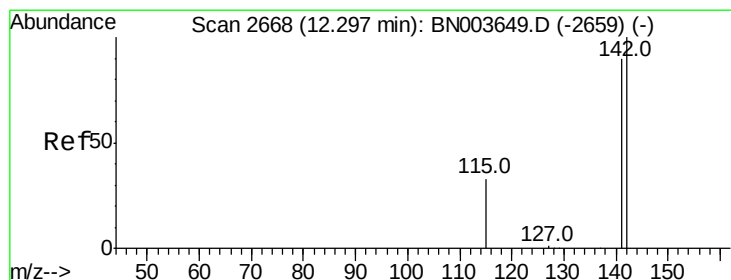
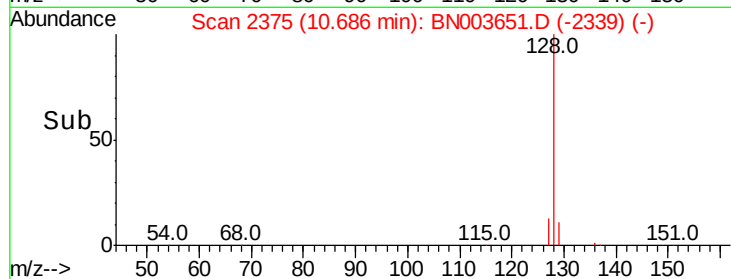
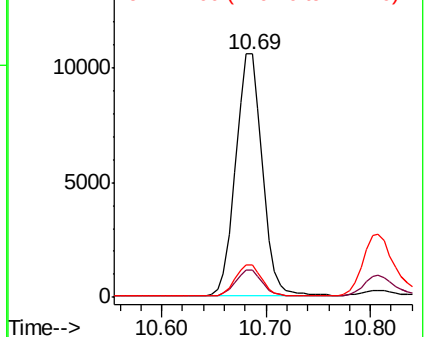
127 13.2 10.5 15.7



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: 0.408 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. 0.00 min

Lab File: BN003651.D

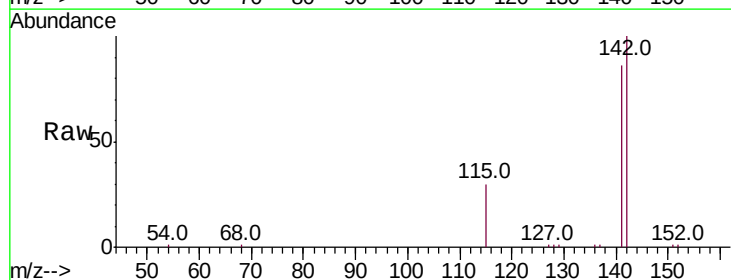
Acq: 28 Nov 2018 12:17

Tgt Ion:142 Resp: 13130

Ion Ratio Lower Upper

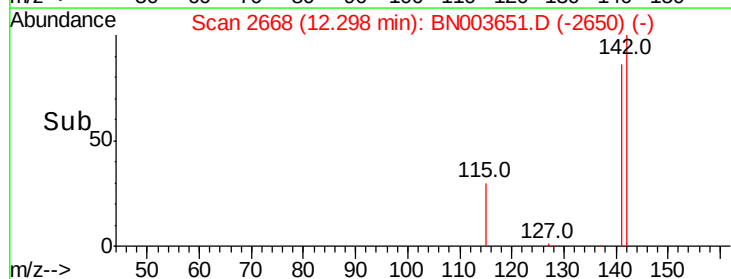
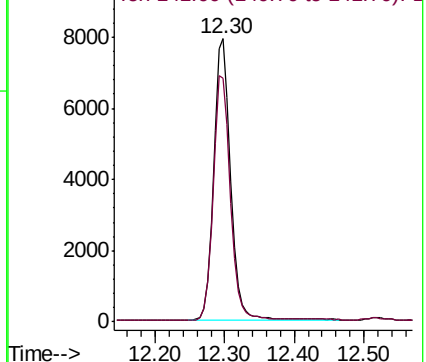
142 100

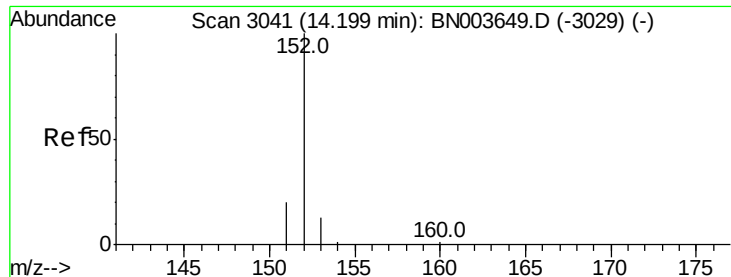
141 88.7 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.411 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

Instrument :

BNA_N

ClientSampleId :

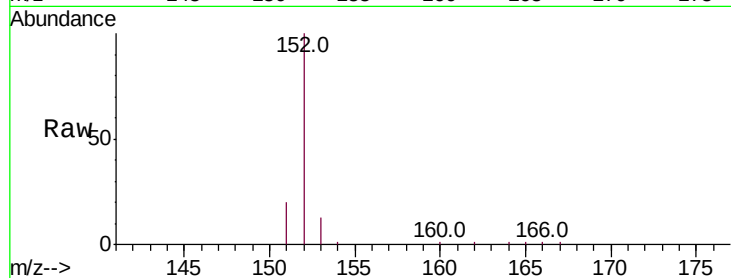
Tot Ion:152 Resp: 16063

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

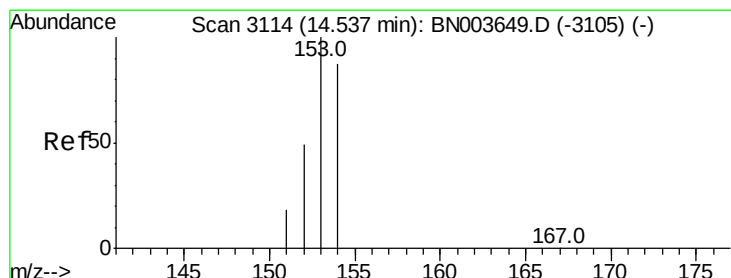
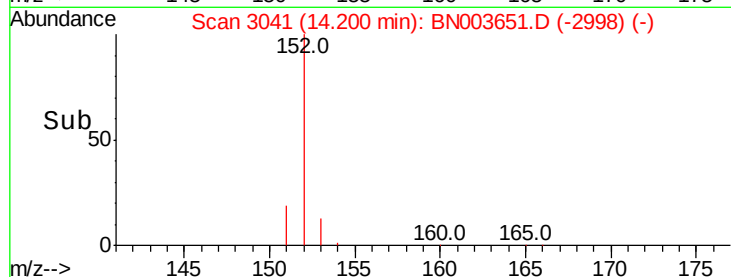
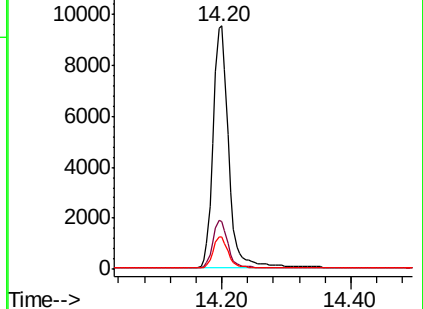
153 13.2 10.7 16.1



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: 14.54 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

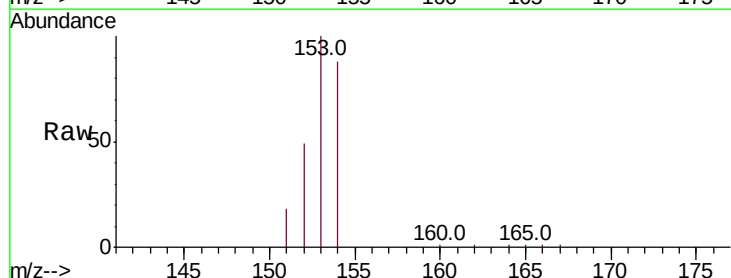
Tgt Ion:153 Resp: 14215

Ion Ratio Lower Upper

153 100

152 49.4 39.3 58.9

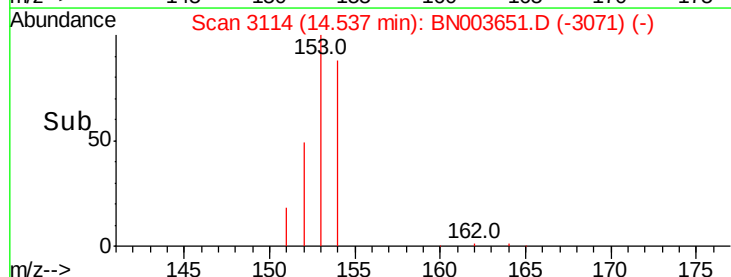
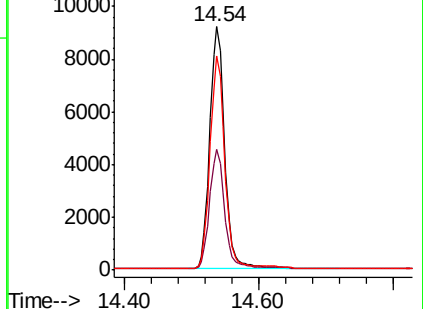
154 87.8 70.3 105.5

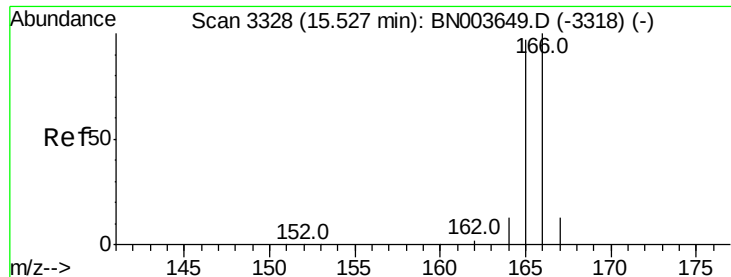


Abundance Ion 153.00 (152.70 to 153.70): E

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: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

Instrument :

BNA_N

ClientSampleId :

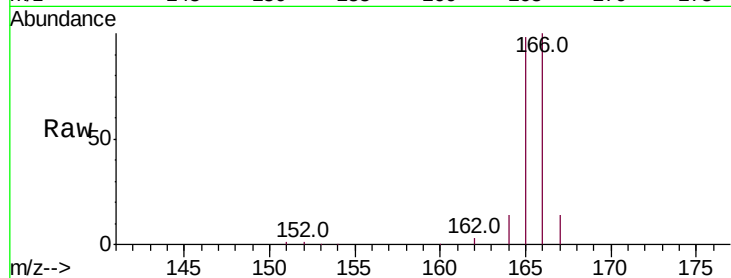
Tot Ion:166 Resp: 16300

Ion Ratio Lower Upper

166 100

165 98.5 78.3 117.5

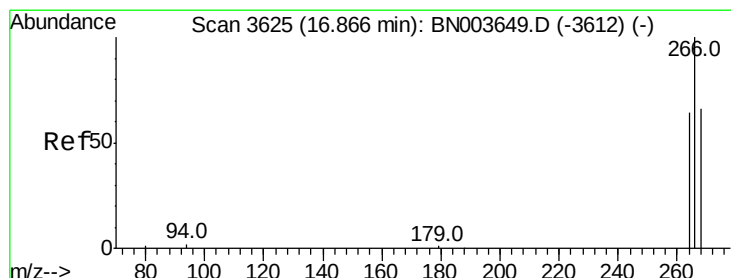
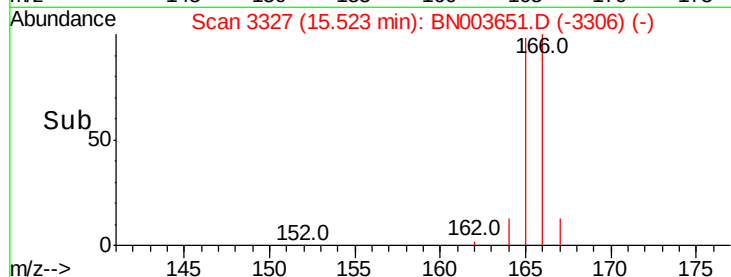
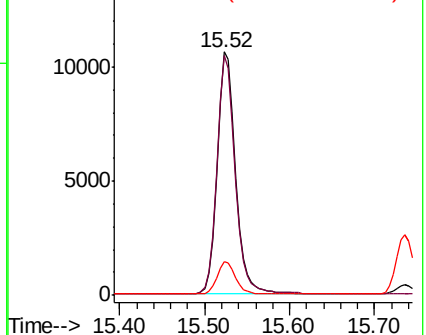
167 13.8 11.3 16.9



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: 0.386 ng/ul

RT: 16.87 min Scan# 3625

Delta R.T. 0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

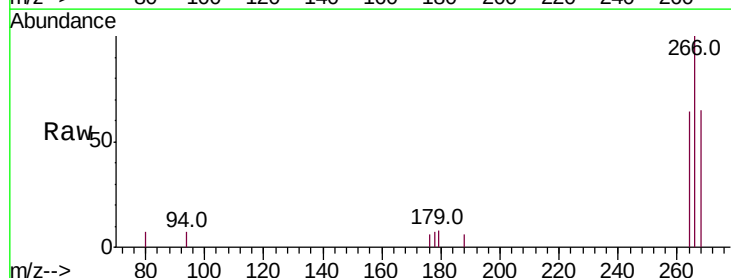
Tgt Ion:266 Resp: 1436

Ion Ratio Lower Upper

266 100

264 63.5 49.4 74.2

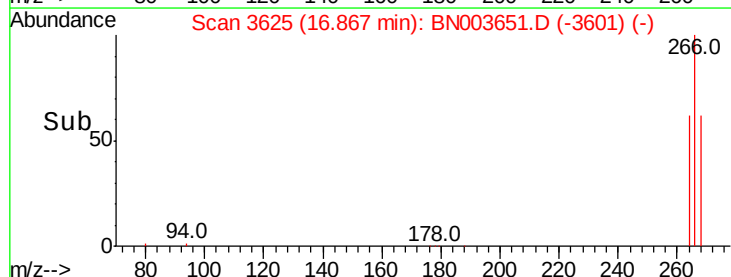
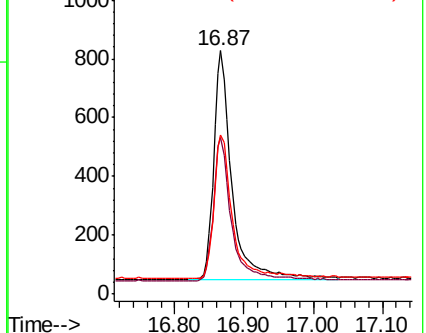
268 65.0 51.7 77.5

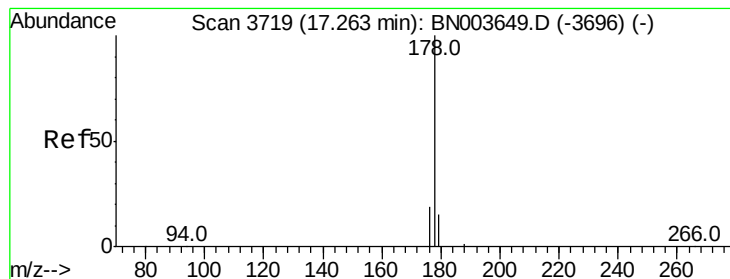


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.418 ng/ul

RT: 17.26 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

Instrument :

BNA_N

ClientSampleId :

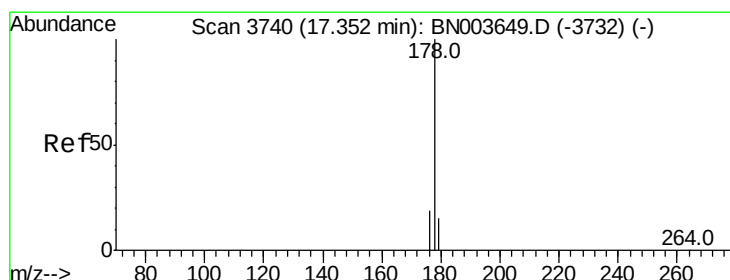
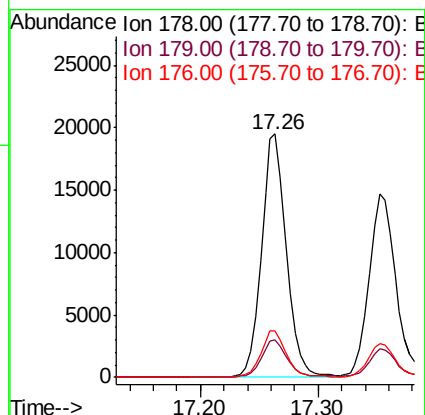
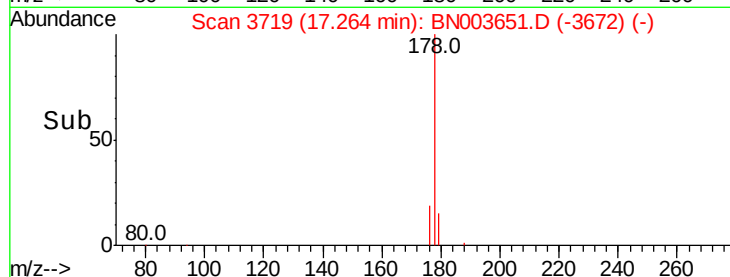
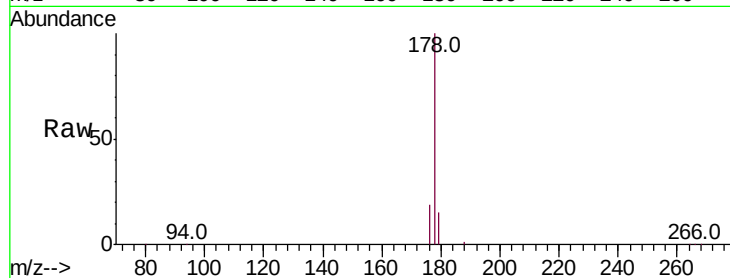
Tot Ion:178 Resp: 28354

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.9 15.0 22.4



#13

Anthracene

Concen: 0.414 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

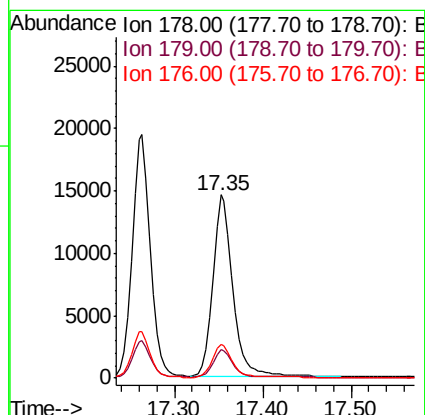
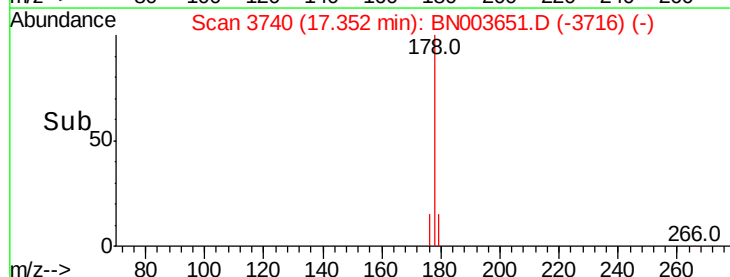
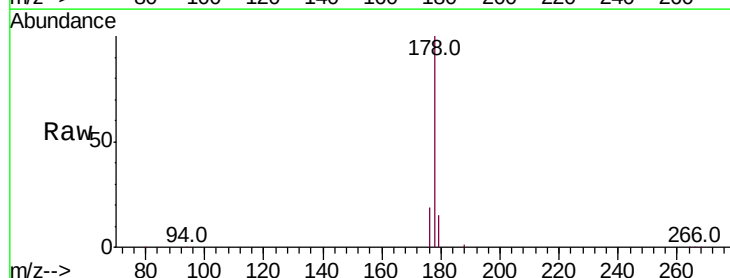
Tgt Ion:178 Resp: 23046

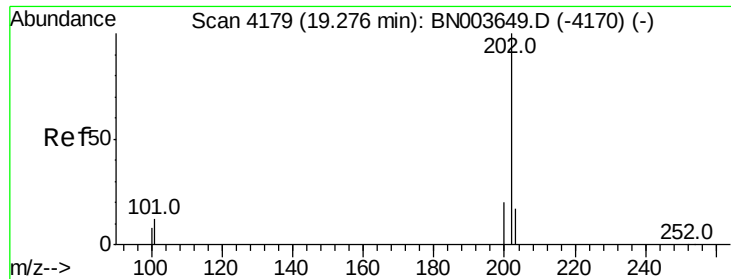
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.7 14.8 22.2





#15

Fluoranthene

Concen: 0.401 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. 0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

Instrument :

BNA_N

ClientSampleId :

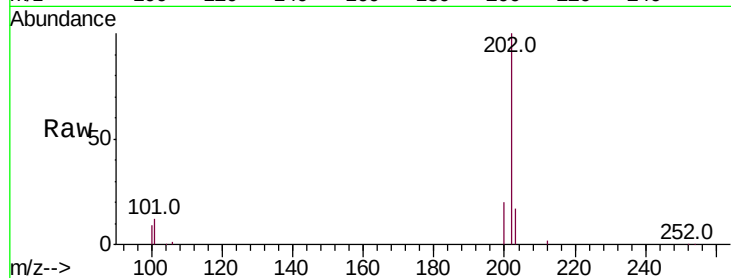
Tot Ion:202 Resp: 32072

Ion Ratio Lower Upper

202 100

101 11.8 0.0 30.7

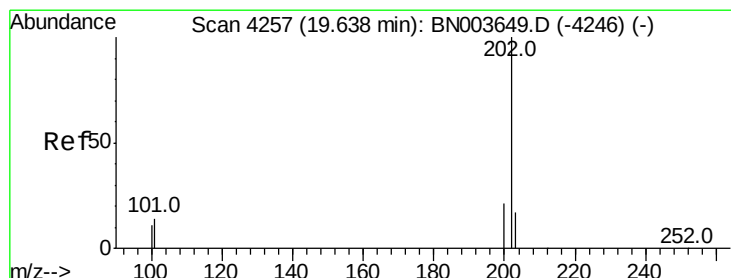
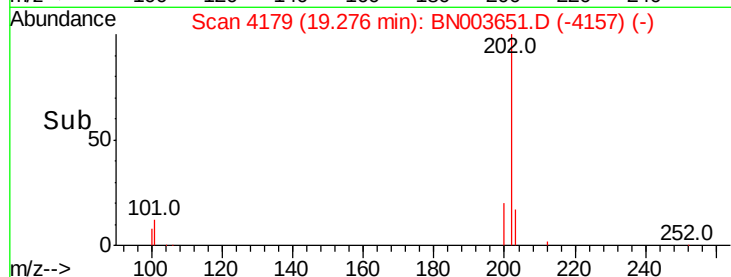
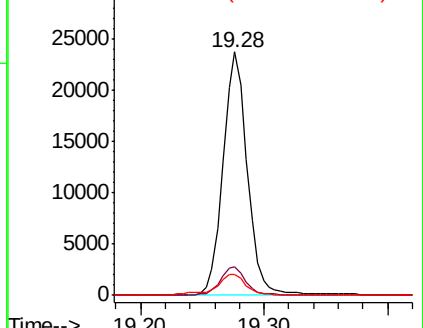
100 8.7 0.0 28.1



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: 0.445 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

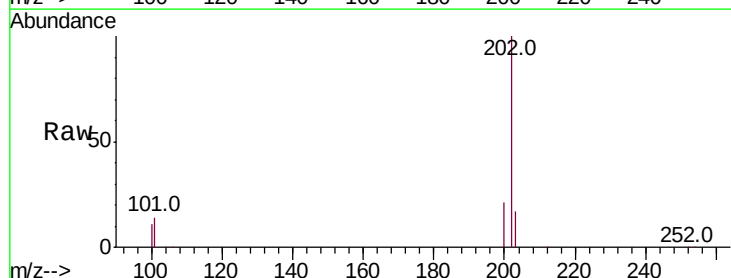
Tgt Ion:202 Resp: 31534

Ion Ratio Lower Upper

202 100

101 13.9 10.3 15.5

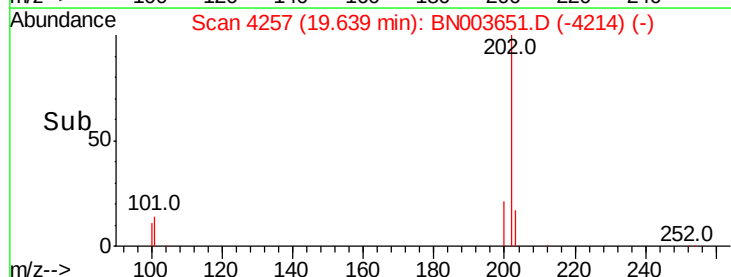
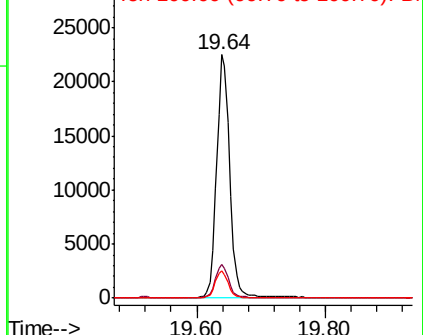
100 11.3 8.5 12.7

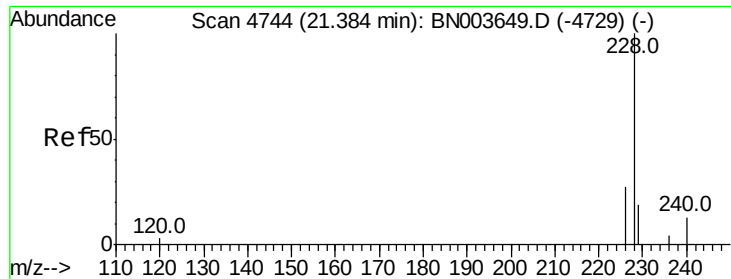


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.408 ng/ul

RT: 21.39 min Scan# 4745

Delta R.T. 0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

Instrument :

BNA_N

ClientSampleId :

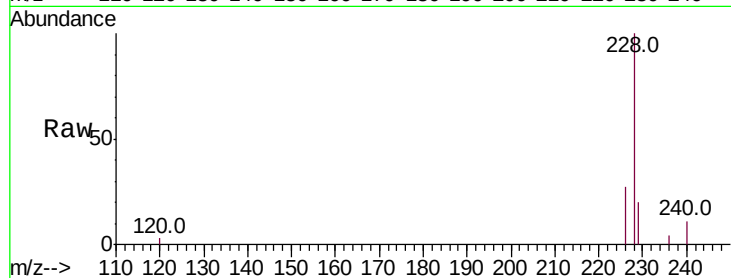
Tot Ion:228 Resp: 25455

Ion Ratio Lower Upper

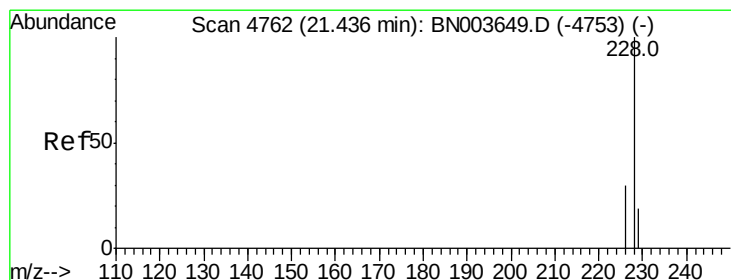
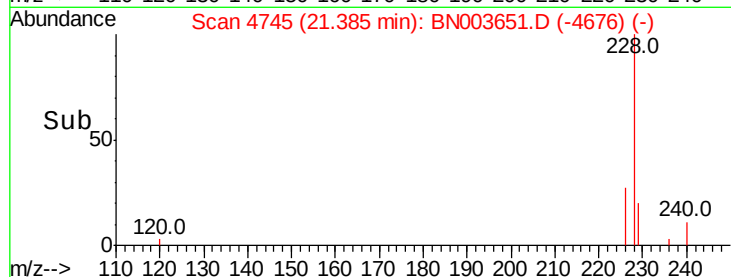
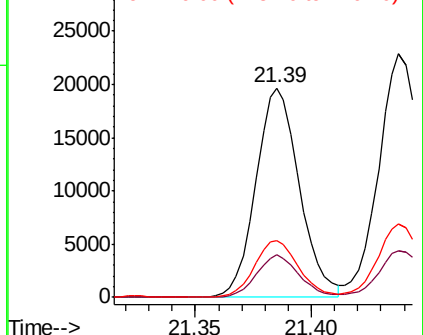
228 100

229 20.1 15.6 23.4

226 27.3 21.1 31.7



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: 0.416 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. 0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

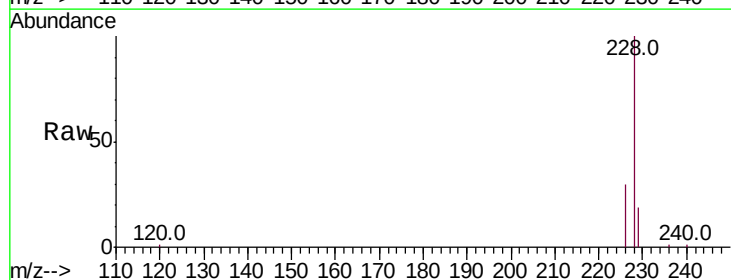
Tgt Ion:228 Resp: 29740

Ion Ratio Lower Upper

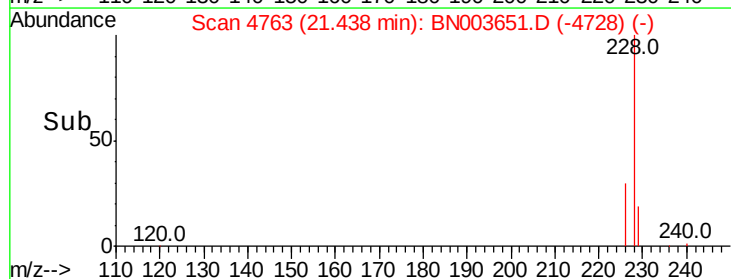
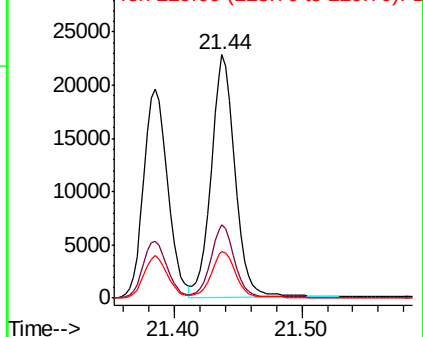
228 100

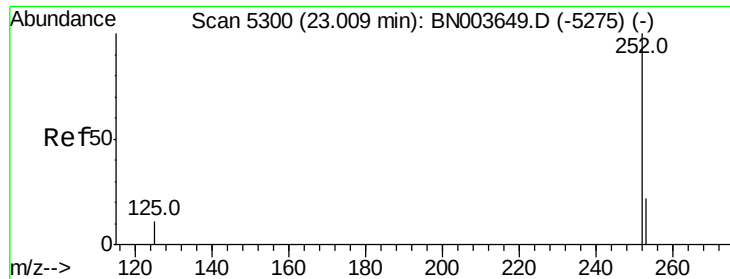
226 30.1 24.0 36.0

229 19.3 15.7 23.5



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: 0.422 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. 0.01 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

Instrument :

BNA_N

ClientSampleId :

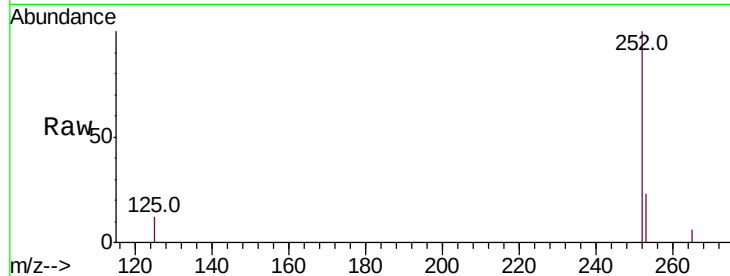
Tot Ion:252 Resp: 30802

Ion Ratio Lower Upper

252 100

253 23.5 0.0 46.0

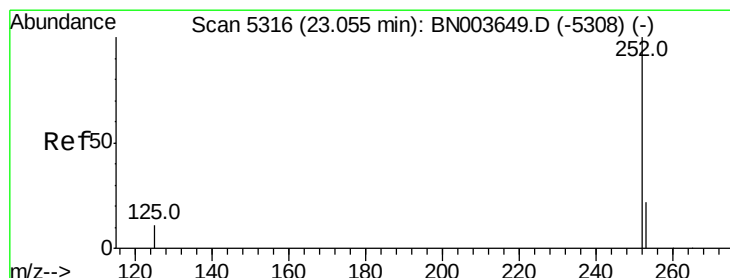
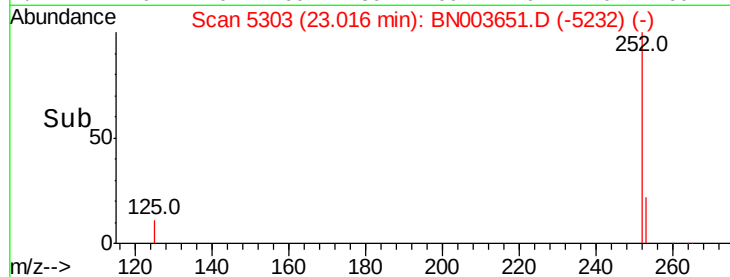
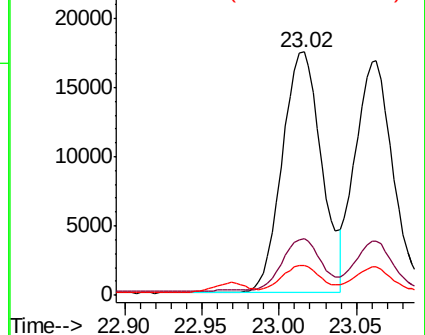
125 12.3 0.0 22.4



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: 0.409 ng/ul

RT: 23.06 min Scan# 5319

Delta R.T. 0.01 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

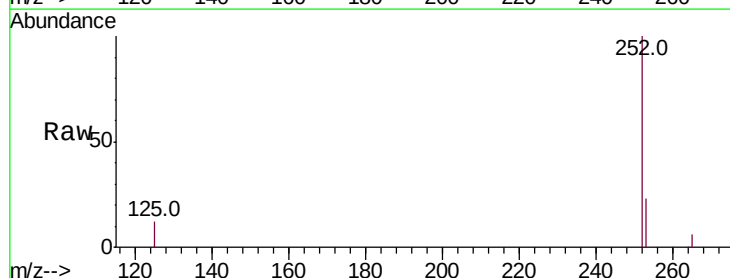
Tgt Ion:252 Resp: 29063

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

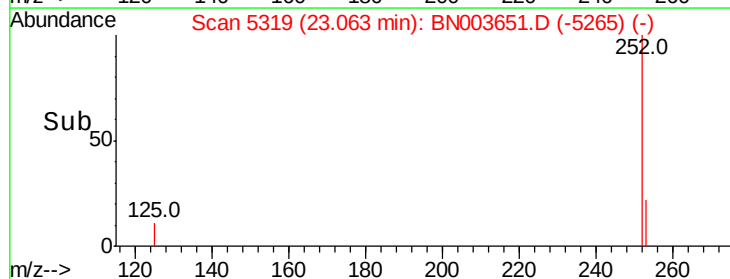
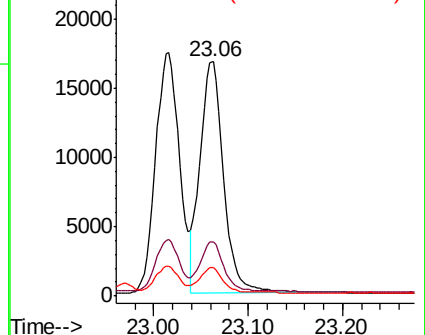
125 12.0 9.0 13.6

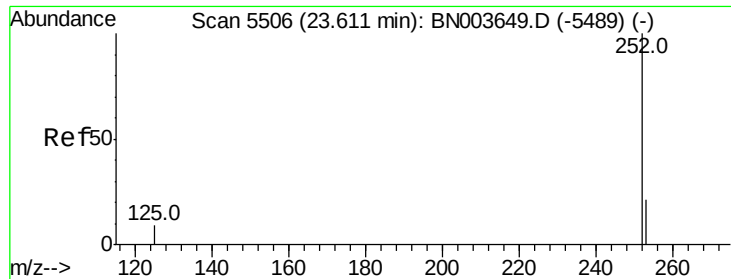


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.417 ng/ul

RT: 23.62 min Scan# 5508

Delta R.T. 0.00 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

Instrument :

BNA_N

ClientSampleId :

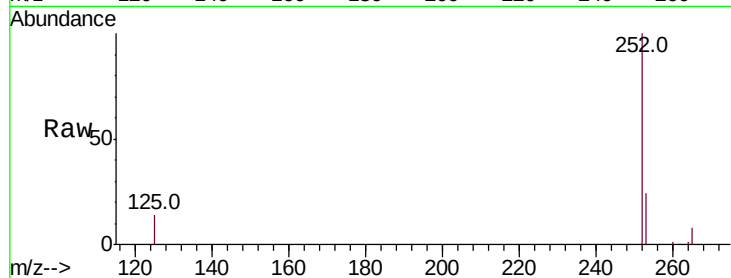
Tot Ion:252 Resp: 26306

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.4

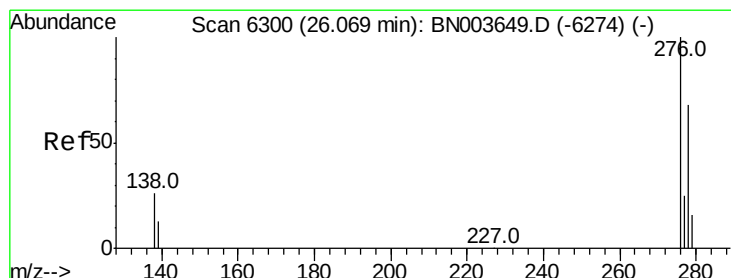
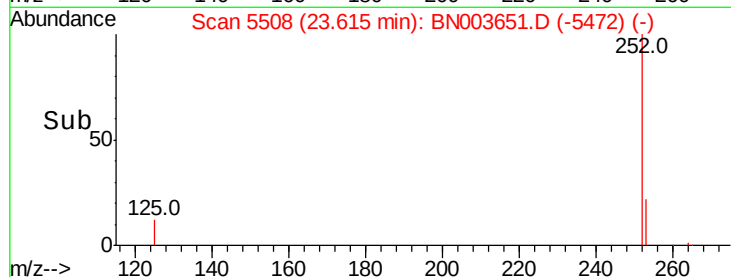
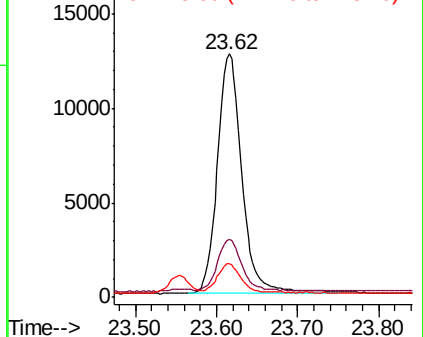
125 13.6 10.2 15.4



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: 0.392 ng/ul

RT: 26.07 min Scan# 6302

Delta R.T. 0.01 min

Lab File: BN003651.D

Acq: 28 Nov 2018 12:17

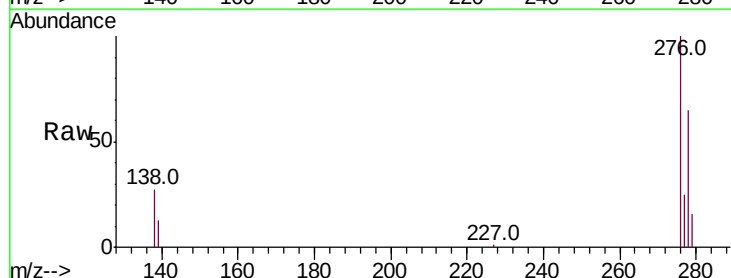
Tgt Ion:276 Resp: 28389

Ion Ratio Lower Upper

276 100

138 26.8 20.3 30.5

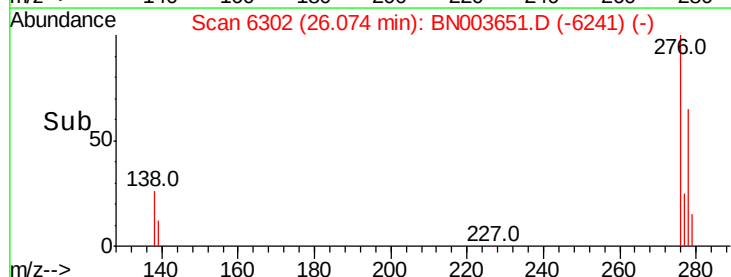
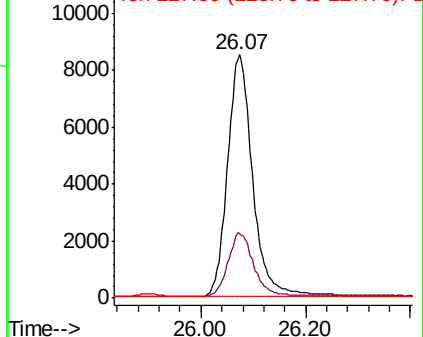
227 0.1 0.2 0.2#

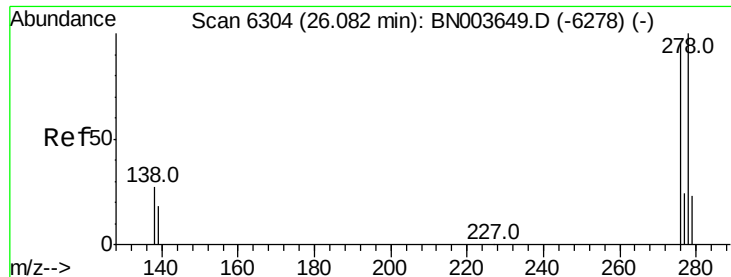


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



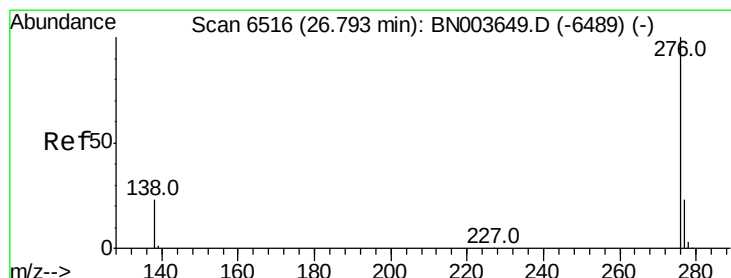
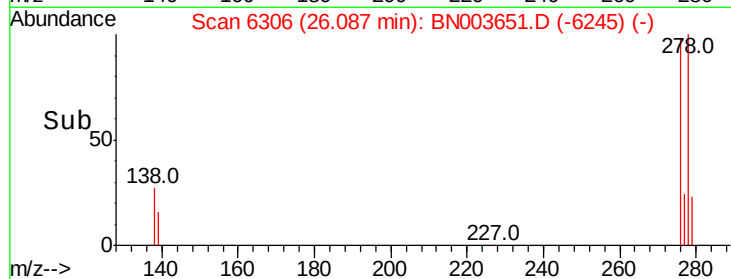
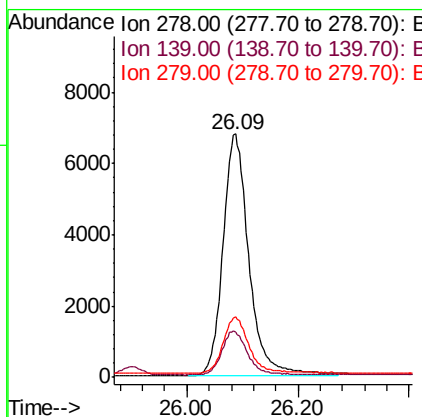
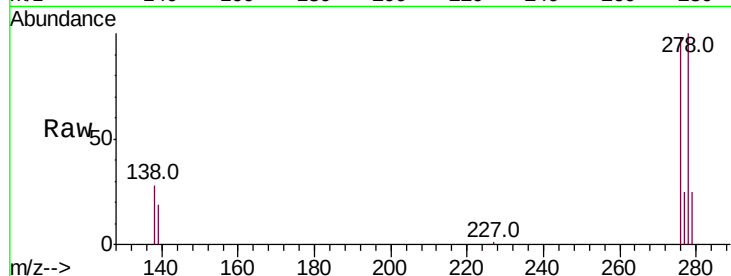


#25
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. 0.01 min
Lab File: BN003651.D
Acq: 28 Nov 2018 12:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 21881

Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.2	21.4
279	24.6	19.8	29.6



#26
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.80 min Scan# 6518
Delta R.T. 0.01 min
Lab File: BN003651.D
Acq: 28 Nov 2018 12:17

Tgt Ion:276 Resp: 24786

Ion	Ratio	Lower	Upper
276	100		
138	23.7	17.7	26.5
277	24.5	19.3	28.9

