

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003078.D
 Acq On : 10 Oct 2018 23:27
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 11 07:08:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration

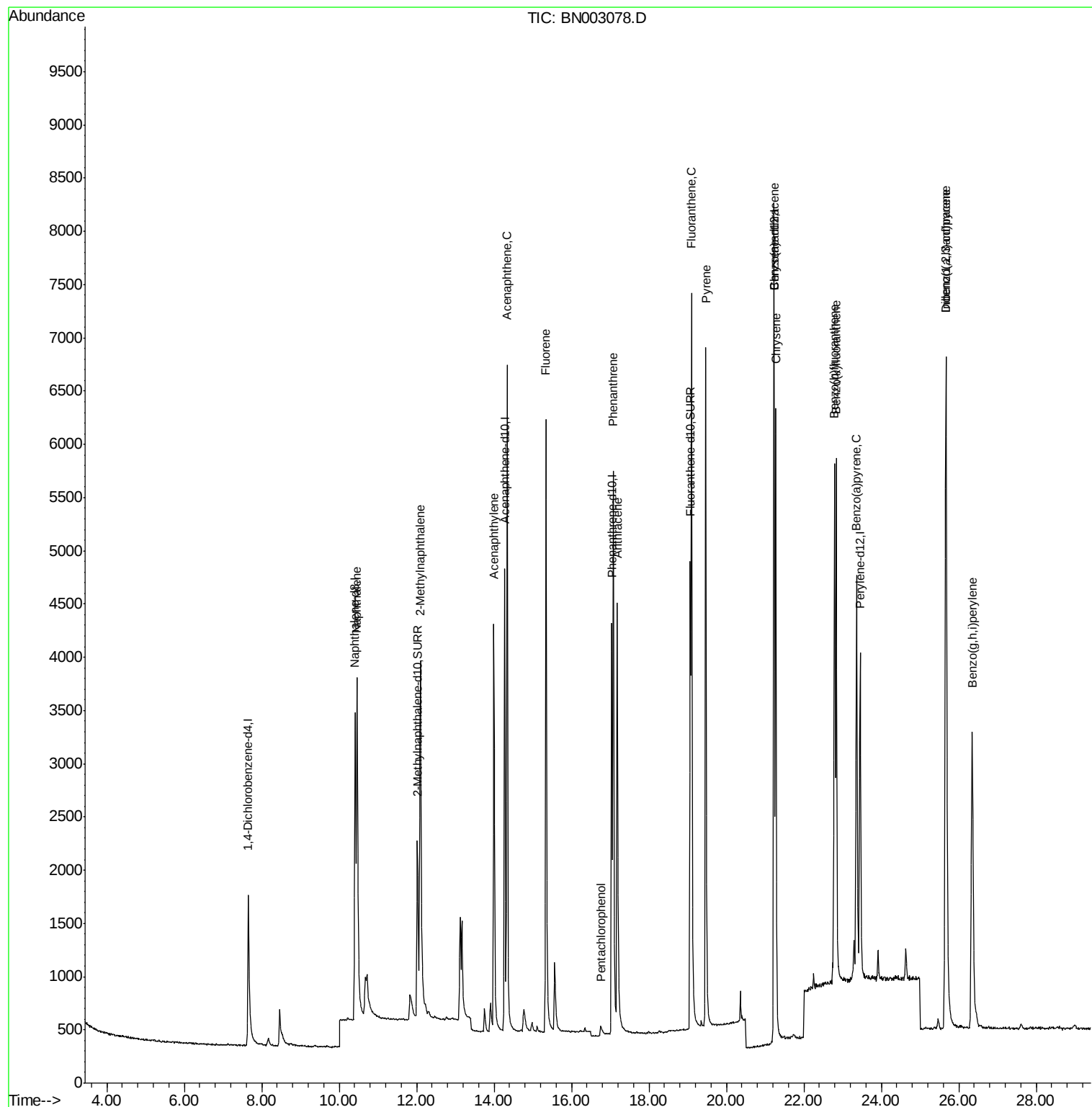
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	1273	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	5714	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	3033	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5916	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	4460	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4670	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3698	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	6386	0.38	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.46	128	6261	0.427	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	4209	0.417	ng/ul	100
7) Acenaphthylene	14.00	152	5917	0.426	ng/ul	100
8) Acenaphthene	14.33	153	4555	0.433	ng/ul	98
9) Fluorene	15.34	166	4926	0.408	ng/ul	99
11) Pentachlorophenol	16.75	266	189	0.329	ng/ul	98
12) Phenanthrene	17.08	178	7131	0.432	ng/ul	100
13) Anthracene	17.18	178	6541	0.420	ng/ul	99
15) Fluoranthene	19.10	202	7203	0.372	ng/ul	97
17) Pyrene	19.47	202	7246	0.418	ng/ul	99
18) Benzo(a)anthracene	21.22	228	6047	0.421	ng/ul	99
19) Chrysene	21.27	228	6496	0.446	ng/ul	100
21) Benzo(b)fluoranthene	22.79	252	6647	0.395	ng/ul	97
22) Benzo(k)fluoranthene	22.83	252	6947	0.398	ng/ul	96
23) Benzo(a)pyrene	23.36	252	6579	0.436	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.67	276	8060	0.465	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.67	278	6428	0.464	ng/ul	95
26) Benzo(g,h,i)perylene	26.35	276	6796	0.465	ng/ul	96

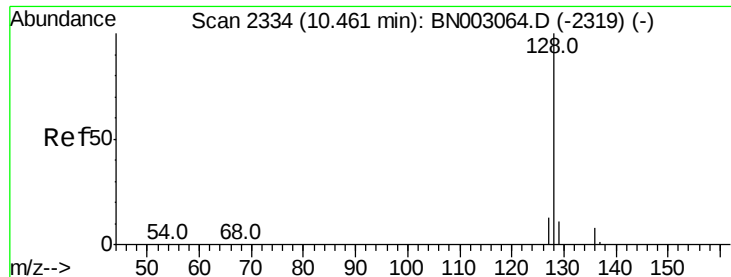
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.427 ng/ul

RT: 10.46 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

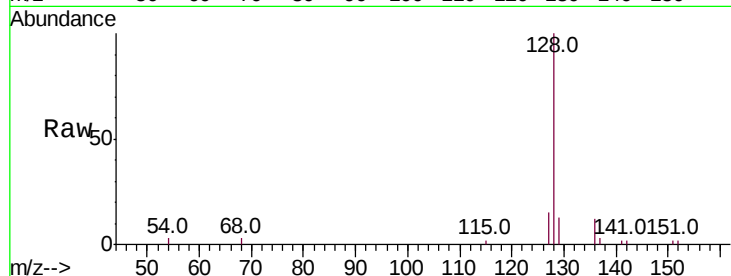
Instrument :

BNA_N

ClientSampleId :

Tot Ion:128 Resp: 6261

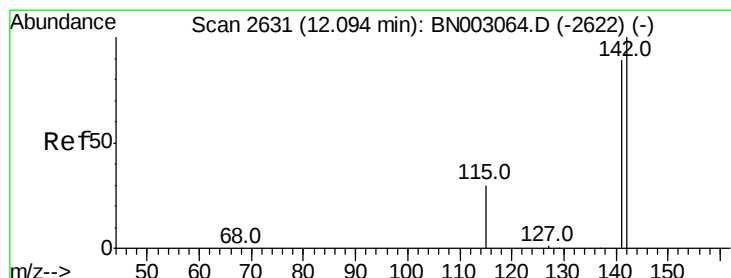
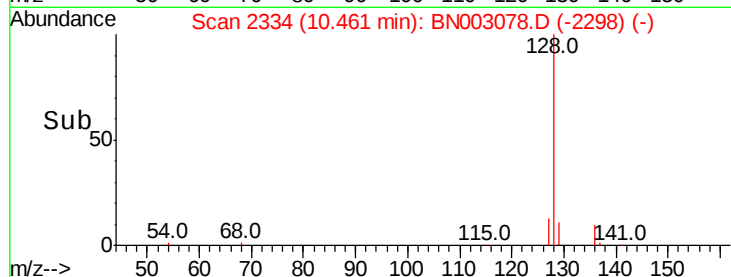
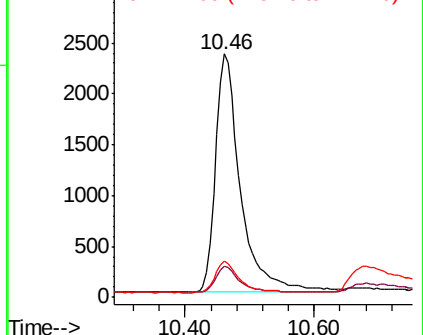
Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.4	15.6
127	15.0	11.7	17.5



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: 0.417 ng/ul

RT: 12.09 min Scan# 2631

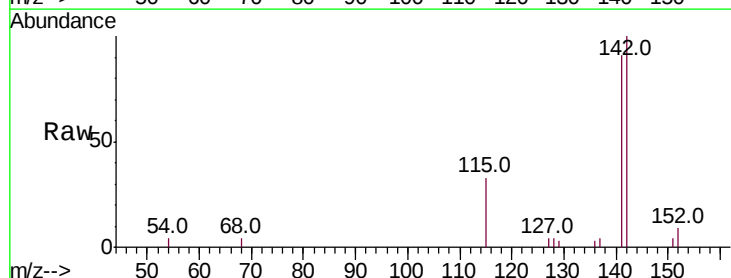
Delta R.T. -0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

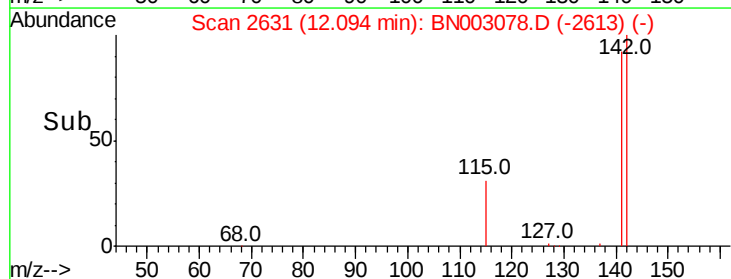
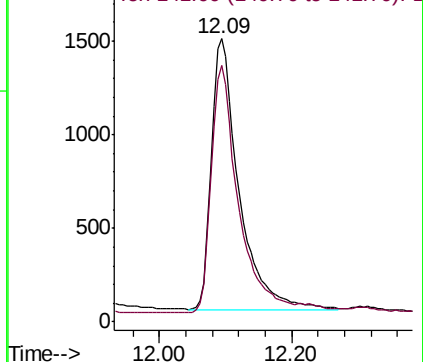
Tgt Ion:142 Resp: 4209

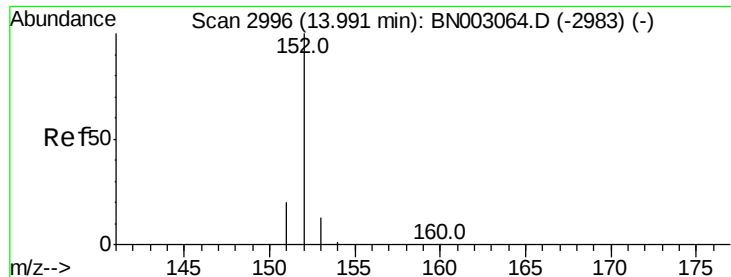
Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.4	110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.426 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

Instrument :

BNA_N

ClientSampleId :

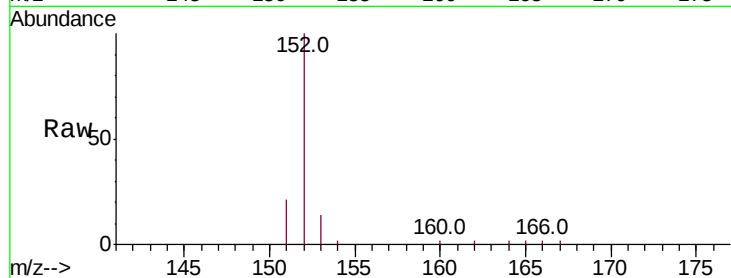
Tot Ion:152 Resp: 5917

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7

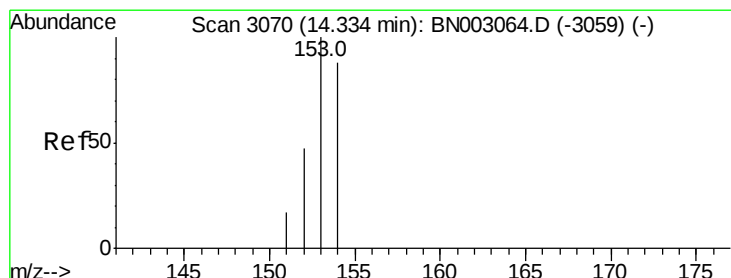
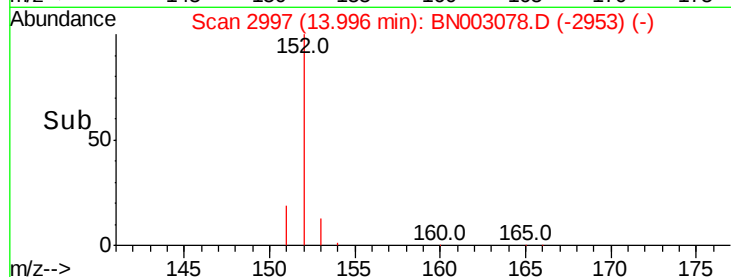
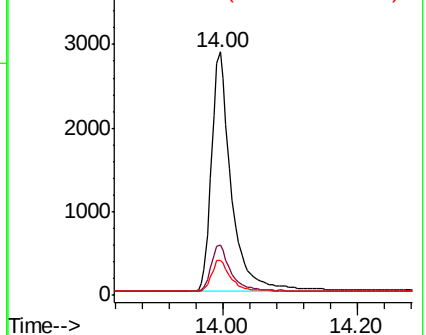
153 14.4 11.4 17.2



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: 0.433 ng/ul

RT: 14.33 min Scan# 3070

Delta R.T. -0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

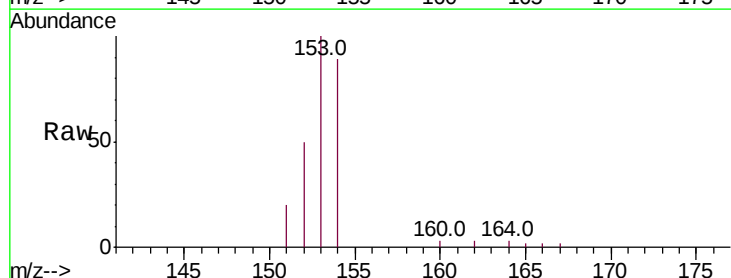
Tgt Ion:153 Resp: 4555

Ion Ratio Lower Upper

153 100

152 49.9 38.2 57.4

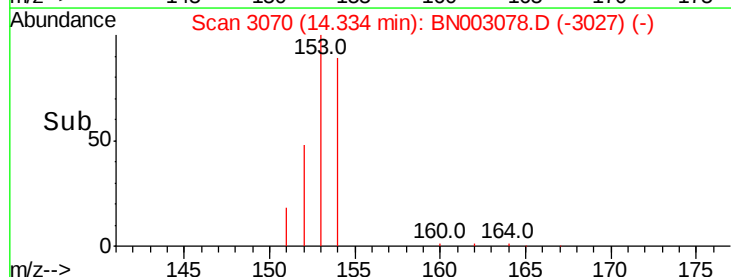
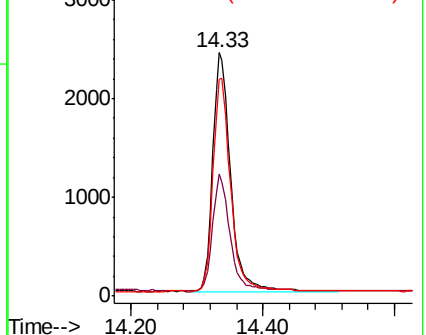
154 89.0 70.2 105.2

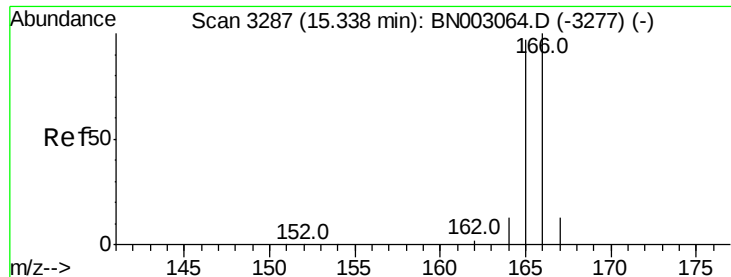


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.408 ng/ul

RT: 15.34 min Scan# 3288

Delta R.T. 0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

Instrument :

BNA_N

ClientSampleId :

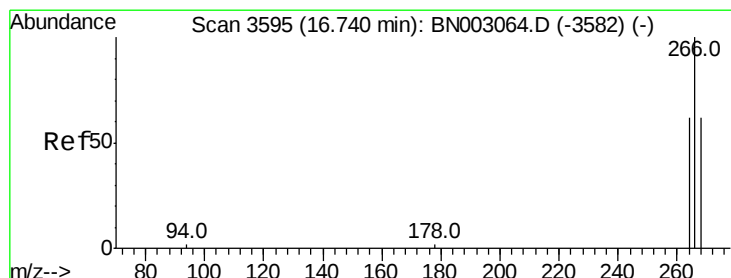
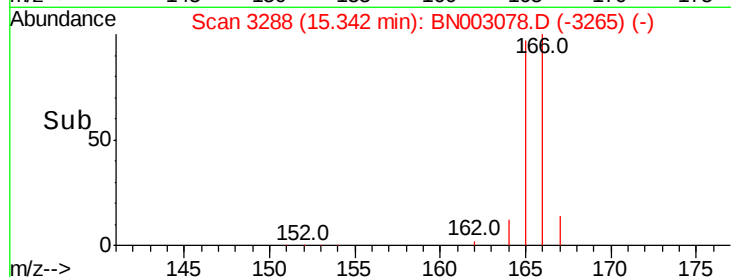
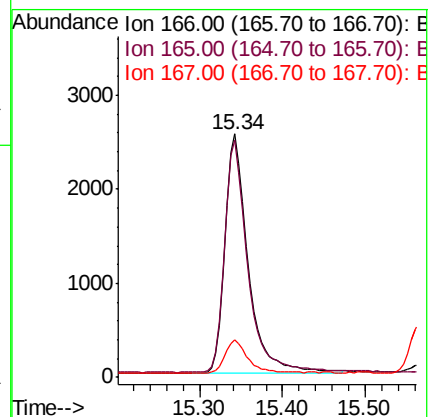
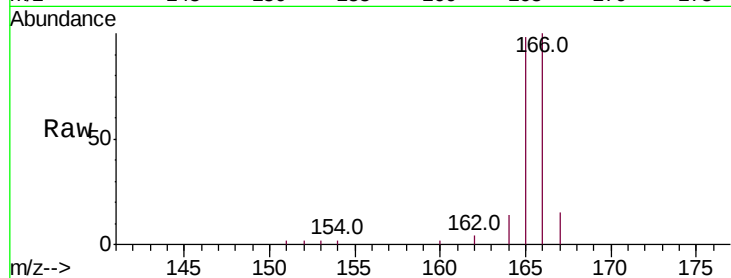
Tot Ion:166 Resp: 4926

Ion Ratio Lower Upper

166 100

165 97.6 78.5 117.7

167 15.2 11.6 17.4



#11

Pentachlorophenol

Concen: 0.329 ng/ul

RT: 16.75 min Scan# 3598

Delta R.T. 0.01 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

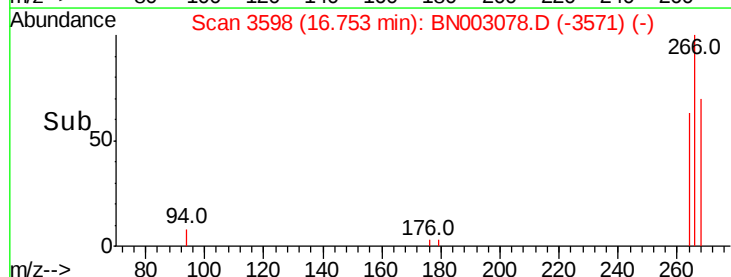
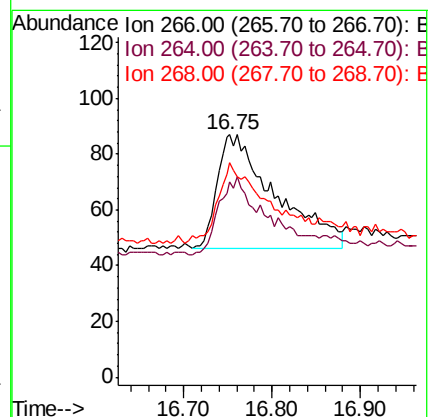
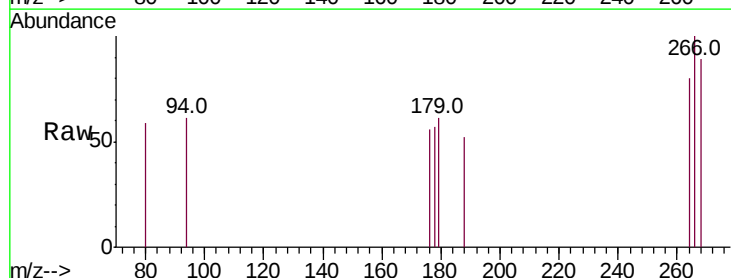
Tgt Ion:266 Resp: 189

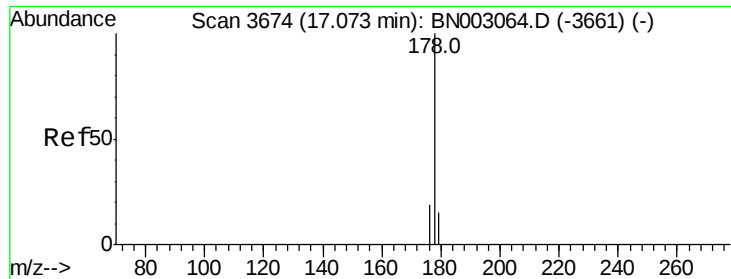
Ion Ratio Lower Upper

266 100

264 67.2 52.5 78.7

268 62.4 48.6 72.8





#12

Phenanthrene

Concen: 0.432 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

Instrument :

BNA_N

ClientSampleId :

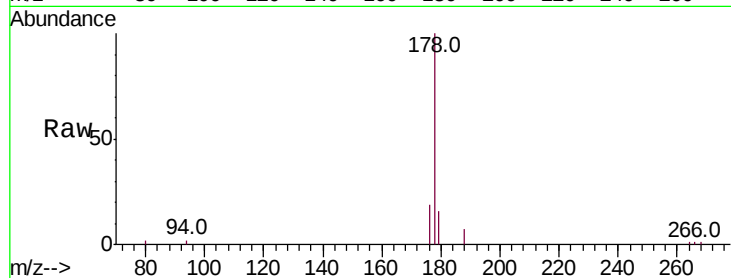
Tot Ion:178 Resp: 7131

Ion Ratio Lower Upper

178 100

179 16.2 12.9 19.3

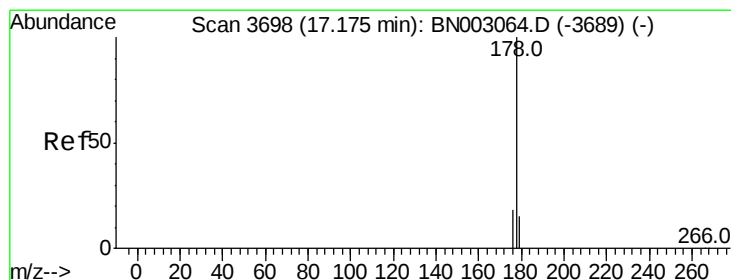
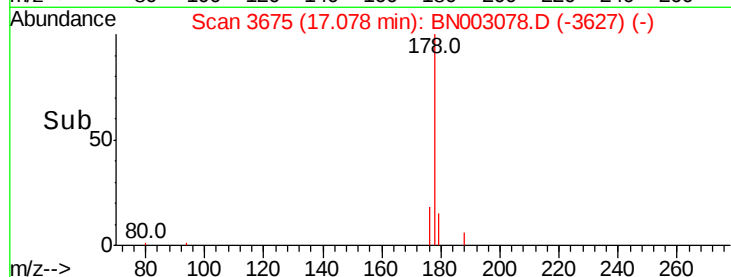
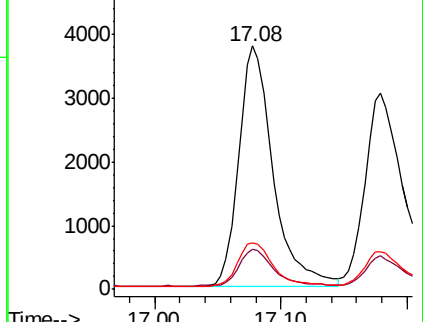
176 19.1 15.4 23.2



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: 0.420 ng/ul

RT: 17.18 min Scan# 3699

Delta R.T. 0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

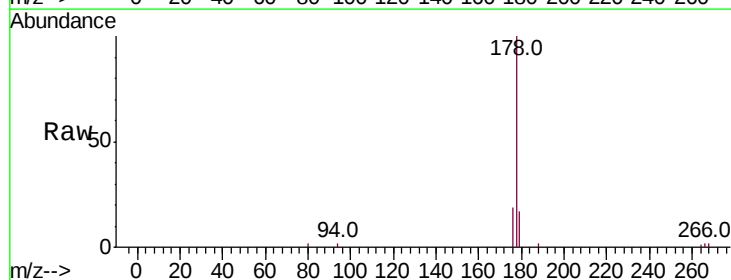
Tgt Ion:178 Resp: 6541

Ion Ratio Lower Upper

178 100

179 16.9 13.0 19.6

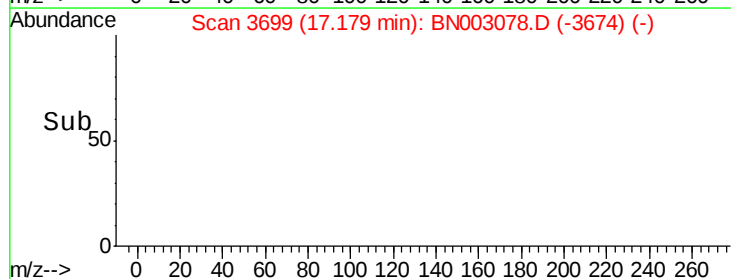
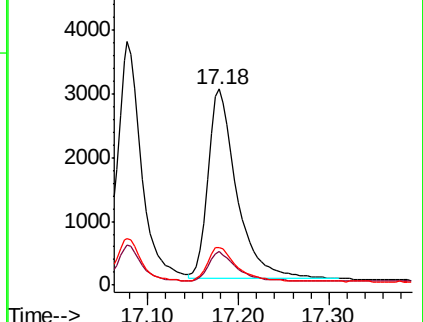
176 19.2 15.3 22.9

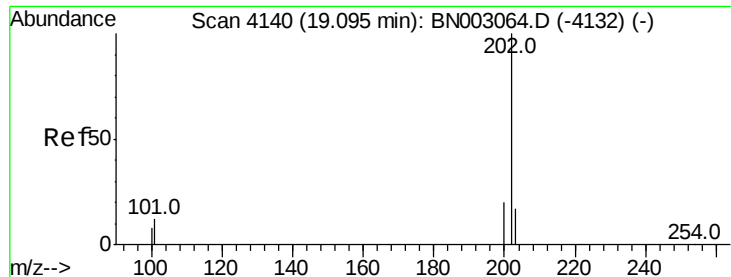


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.372 ng/ul

RT: 19.10 min Scan# 4141

Delta R.T. 0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

Instrument :

BNA_N

ClientSampleId :

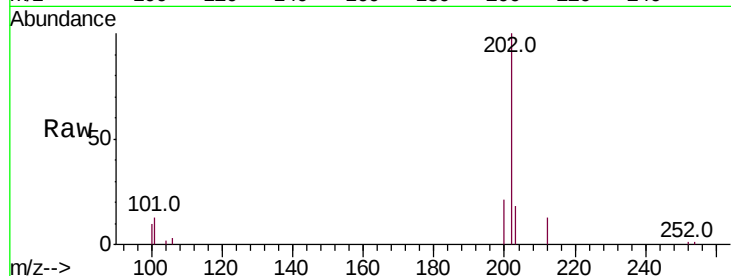
Tot Ion:202 Resp: 7203

Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.3

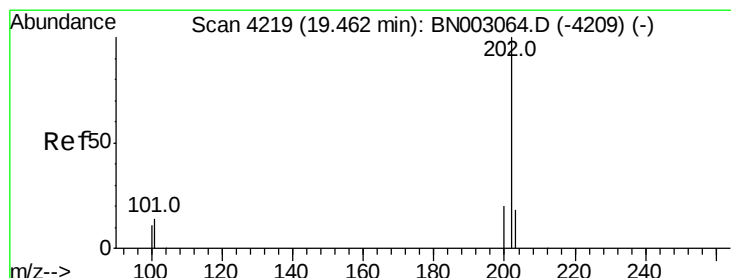
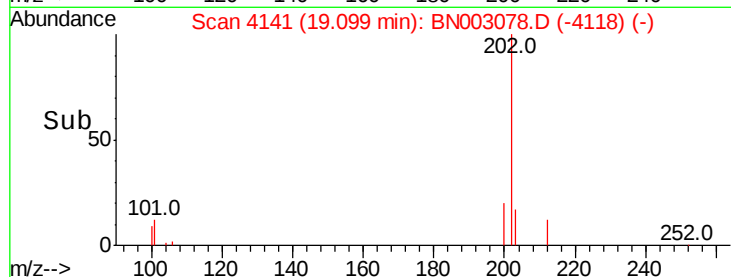
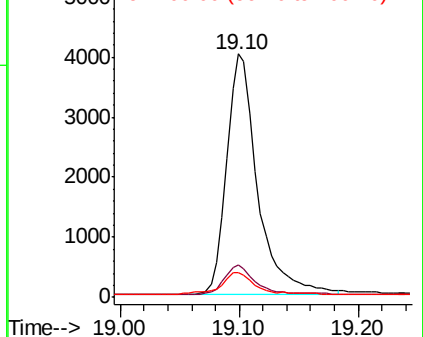
100 10.0 0.0 29.1



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: 0.418 ng/ul

RT: 19.47 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

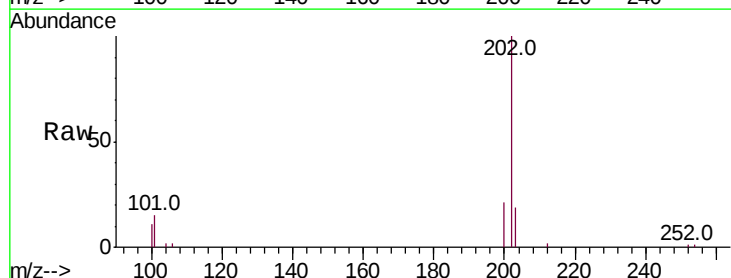
Tgt Ion:202 Resp: 7246

Ion Ratio Lower Upper

202 100

101 14.7 11.9 17.9

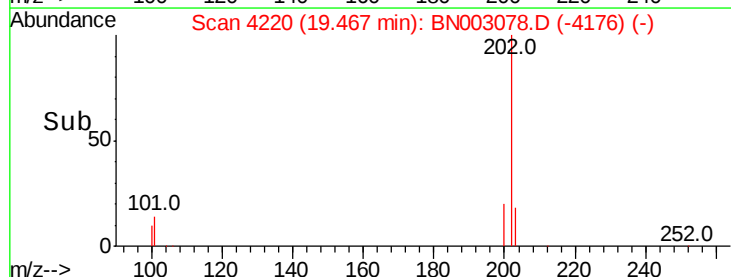
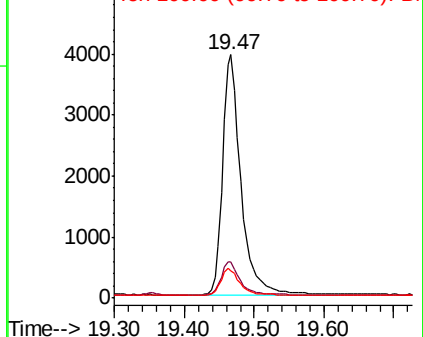
100 11.5 9.9 14.9

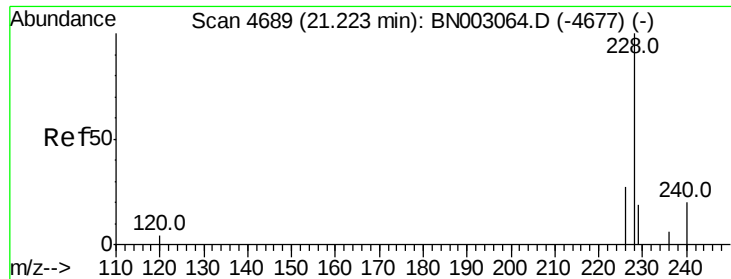


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.421 ng/ul

RT: 21.22 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

Instrument :

BNA_N

ClientSampled :

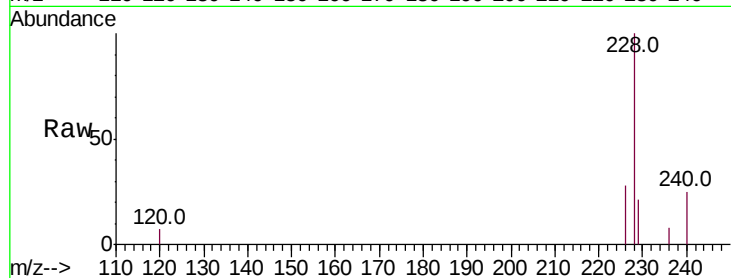
Tot Ion:228 Resp: 6047

Ion Ratio Lower Upper

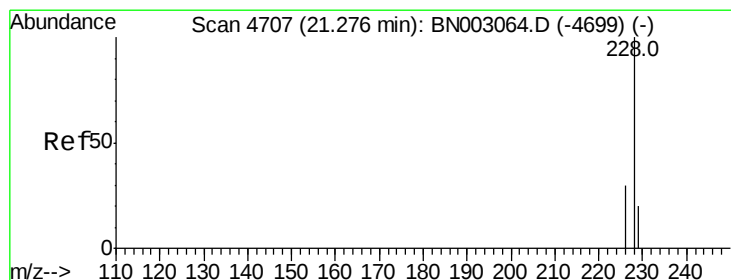
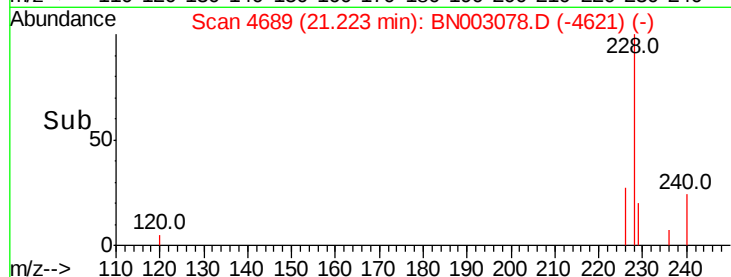
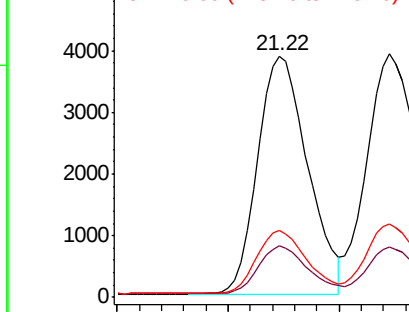
228 100

229 21.2 16.2 24.2

226 27.7 22.3 33.5



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: 0.446 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

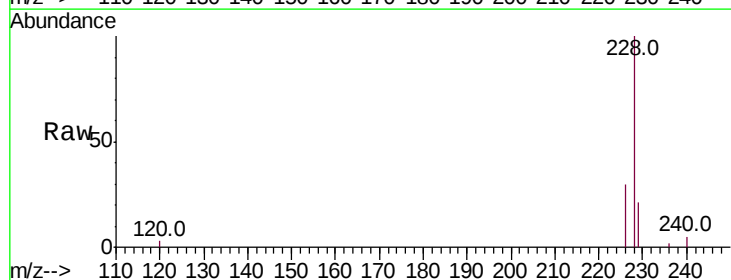
Tgt Ion:228 Resp: 6496

Ion Ratio Lower Upper

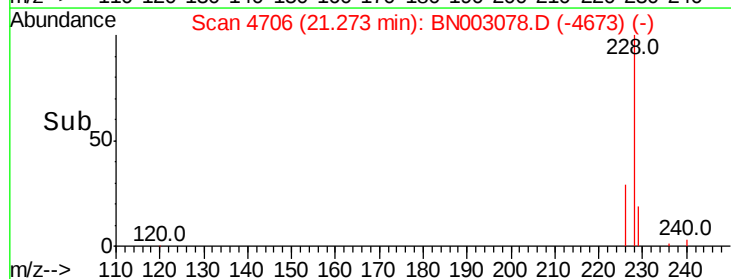
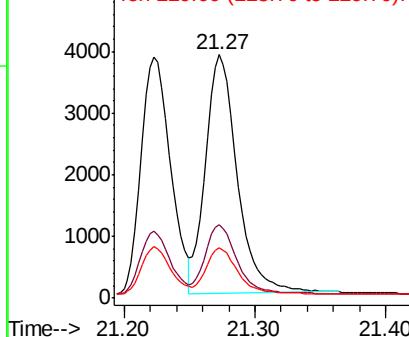
228 100

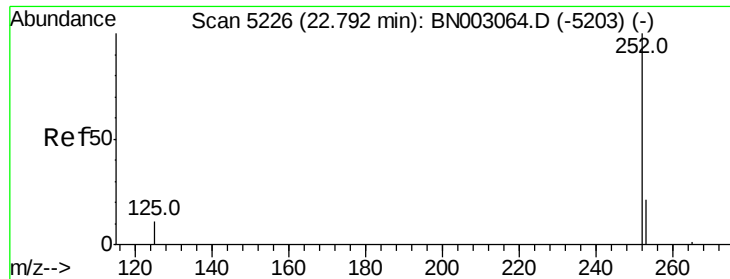
226 30.1 24.2 36.4

229 20.6 16.7 25.1



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: 0.395 ng/u1

RT: 22.79 min Scan# 5225

Delta R.T. -0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

Instrument :

BNA_N

ClientSampleId :

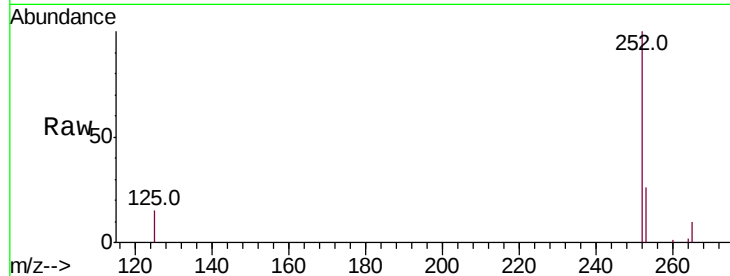
Tot Ion:252 Resp: 6647

Ion Ratio Lower Upper

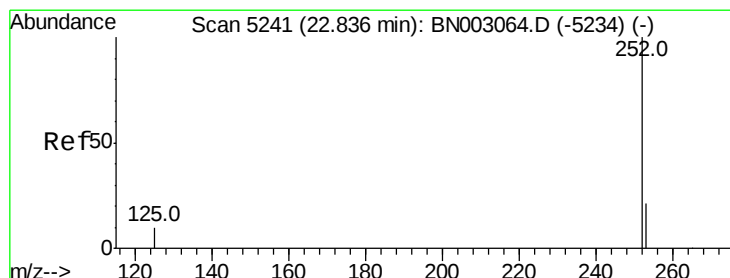
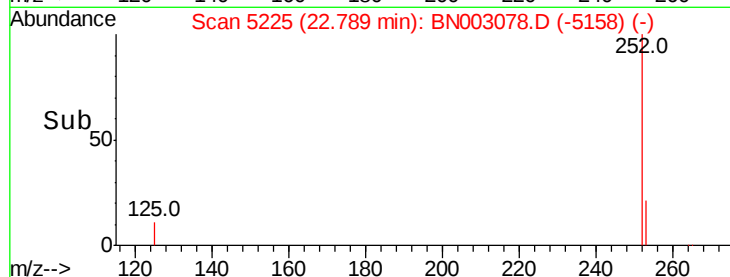
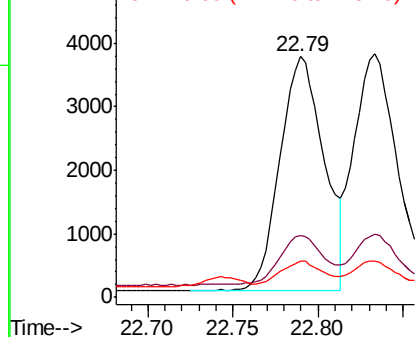
252 100

253 25.8 0.0 53.2

125 14.9 0.0 34.2



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: 0.398 ng/u1

RT: 22.83 min Scan# 5240

Delta R.T. -0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

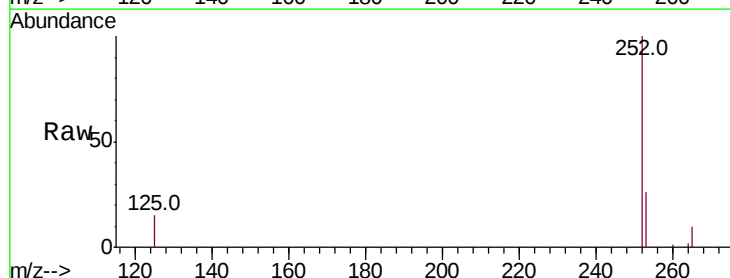
Tgt Ion:252 Resp: 6947

Ion Ratio Lower Upper

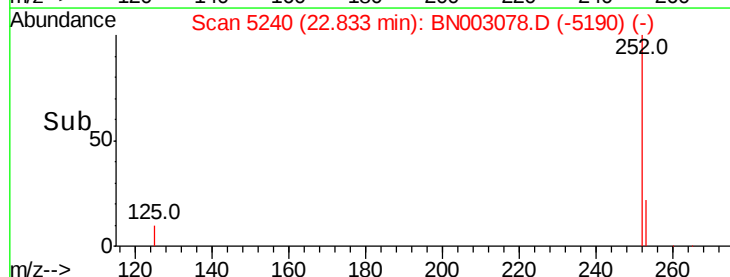
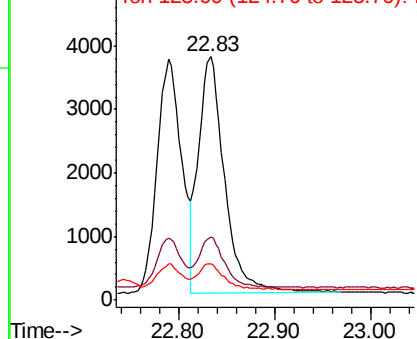
252 100

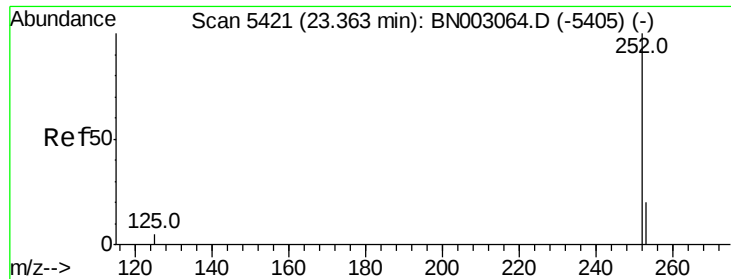
253 25.9 21.3 31.9

125 14.7 14.1 21.1



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: 0.436 ng/ul

RT: 23.36 min Scan# 5420

Delta R.T. -0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

Instrument :

BNA_N

ClientSampleId :

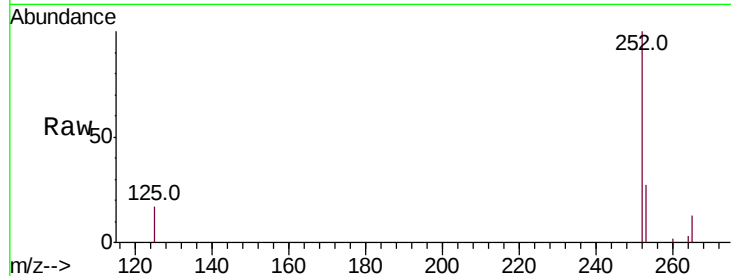
Tot Ion:252 Resp: 6579

Ion Ratio Lower Upper

252 100

253 27.3 23.1 34.7

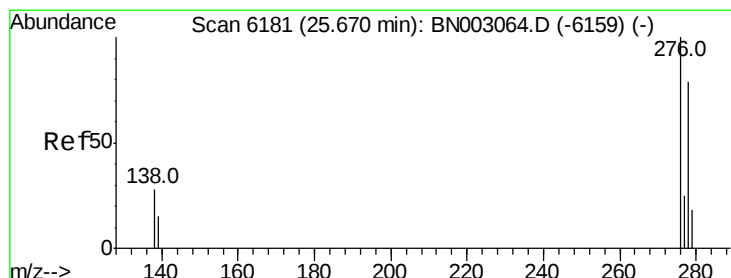
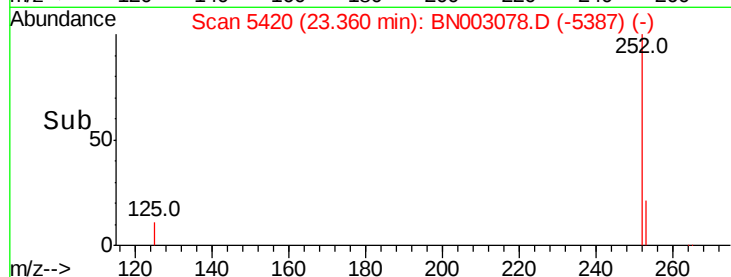
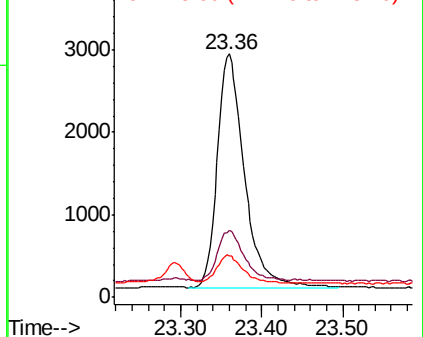
125 17.2 16.9 25.3



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: 0.465 ng/ul

RT: 25.67 min Scan# 6181

Delta R.T. -0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

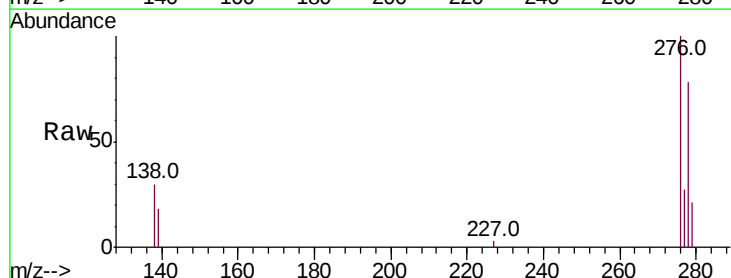
Tgt Ion:276 Resp: 8060

Ion Ratio Lower Upper

276 100

138 27.8 21.5 32.3

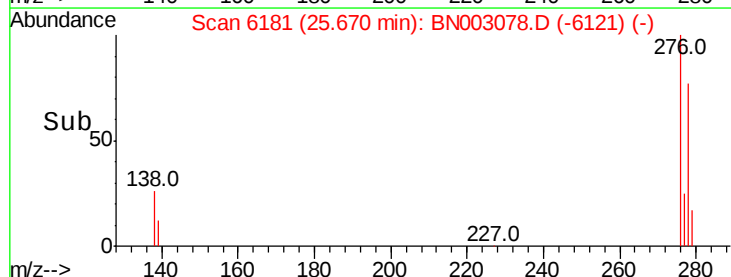
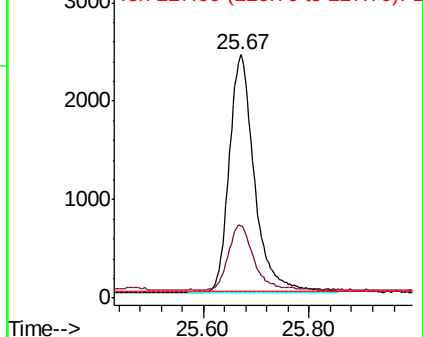
227 0.1 0.3 0.5#

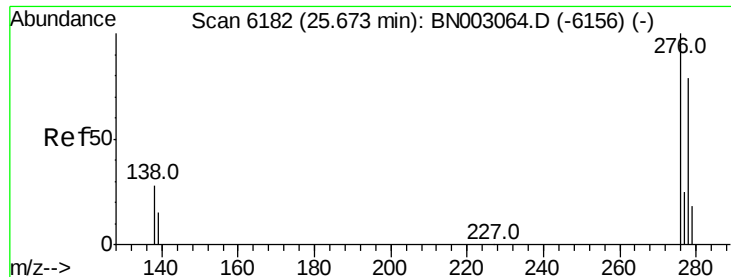


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.464 ng/ul

RT: 25.67 min Scan# 6181

Delta R.T. -0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

Instrument :

BNA_N

ClientSampleId :

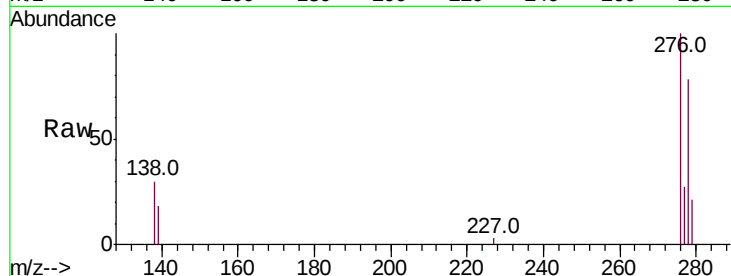
Tot Ion:278 Resp: 6428

Ion Ratio Lower Upper

278 100

139 22.5 20.2 30.4

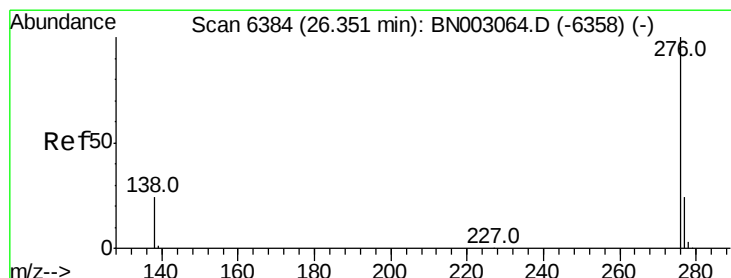
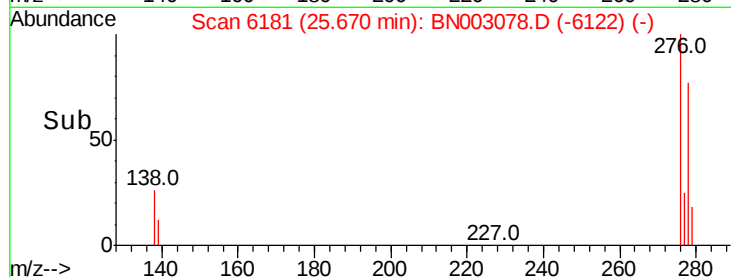
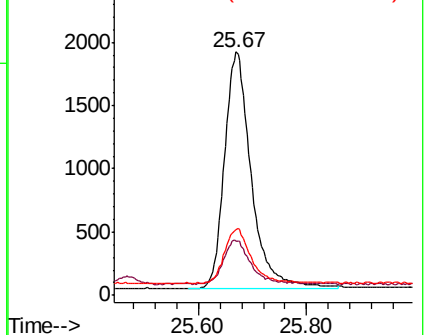
279 27.0 23.8 35.8



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(g,h,i)perylene

Concen: 0.465 ng/ul

RT: 26.35 min Scan# 6384

Delta R.T. -0.00 min

Lab File: BN003078.D

Acq: 10 Oct 2018 23:27

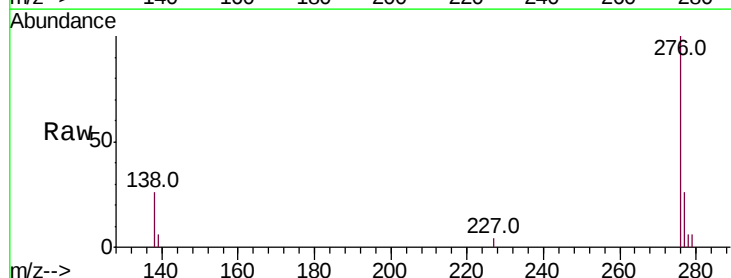
Tgt Ion:276 Resp: 6796

Ion Ratio Lower Upper

276 100

138 25.5 23.0 34.4

277 26.3 22.0 33.0



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

