

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092218\
 Data File : BN002821.D
 Acq On : 21 Sep 2018 16:58
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 21 23:10:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 21 23:09:42 2018
 Response via : Initial Calibration

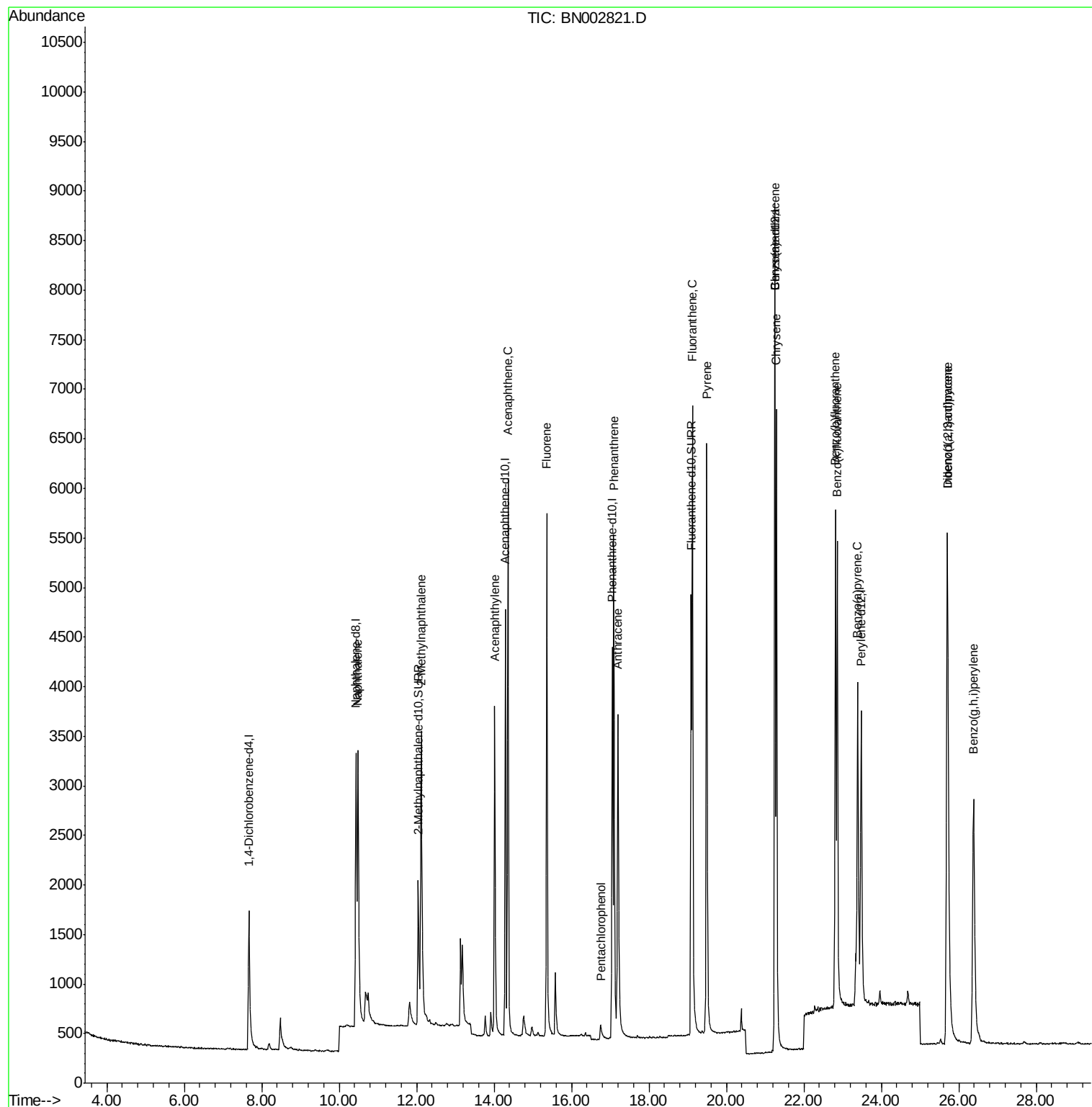
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1226	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	5219	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	2718	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	5548	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	4994	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	4830	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	3121	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	6129	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	5406	0.412	ng/ul#	97
5) 2-Methylnaphthalene	12.12	142	3592	0.422	ng/ul	99
7) Acenaphthylene	14.01	152	4689	0.409	ng/ul	99
8) Acenaphthene	14.36	153	3847	0.411	ng/ul	97
9) Fluorene	15.36	166	4220	0.422	ng/ul	93
11) Pentachlorophenol	16.74	266	290	0.464	ng/ul	97
12) Phenanthrene	17.09	178	6434	0.420	ng/ul#	89
13) Anthracene	17.20	178	5716	0.430	ng/ul#	93
15) Fluoranthene	19.12	202	6985	0.423	ng/ul	95
17) Pyrene	19.49	202	7108	0.436	ng/ul	98
18) Benzo(a)anthracene	21.24	228	5977	0.433	ng/ul#	86
19) Chrysene	21.29	228	6839	0.425	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	6670	0.418	ng/ul	89
22) Benzo(k)fluoranthene	22.86	252	7062	0.421	ng/ul#	92
23) Benzo(a)pyrene	23.39	252	6386	0.418	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.70	276	7518	0.408	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.71	278	6008	0.407	ng/ul	96
26) Benzo(g,h,i)perylene	26.38	276	6542	0.411	ng/ul	98

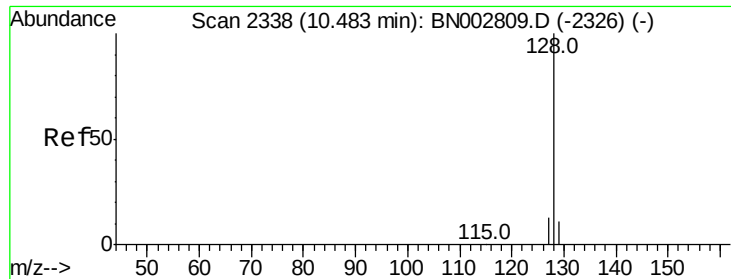
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.412 ng/ul

RT: 10.48 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

Instrument :

BNA_N

ClientSampleId :

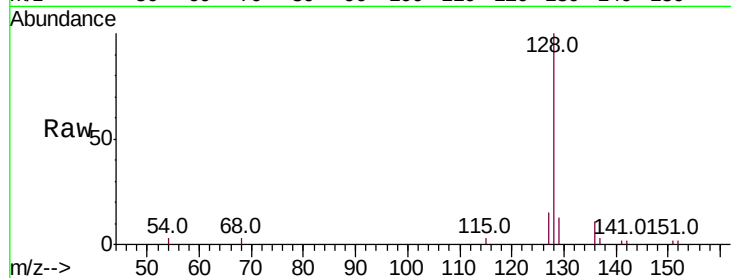
Tot Ion:128 Resp: 5406

Ion Ratio Lower Upper

128 100

129 13.1 8.0 12.0#

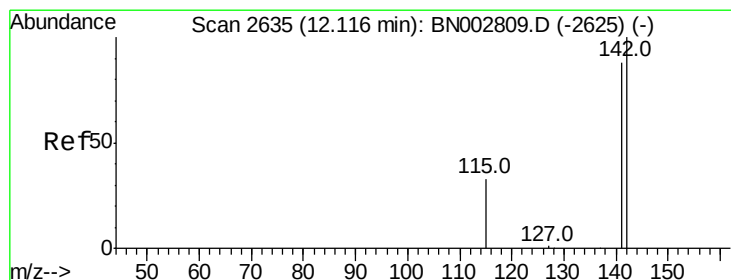
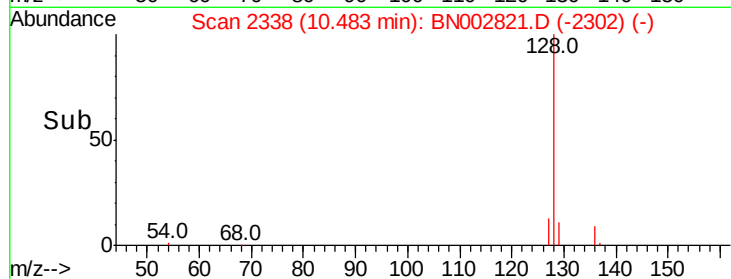
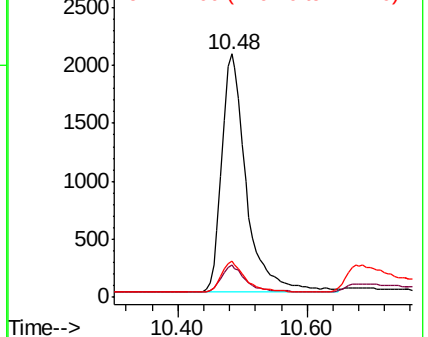
127 15.0 12.0 18.0



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: 0.422 ng/ul

RT: 12.12 min Scan# 2635

Delta R.T. -0.00 min

Lab File: BN002821.D

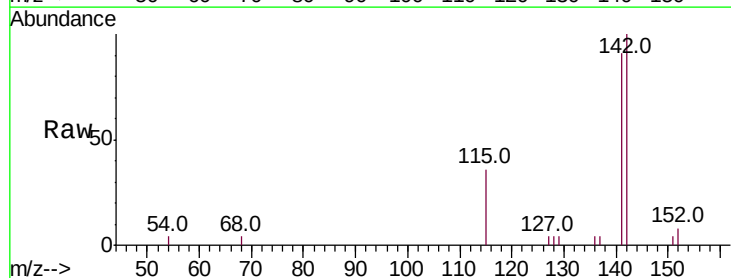
Acq: 21 Sep 2018 16:58

Tgt Ion:142 Resp: 3592

Ion Ratio Lower Upper

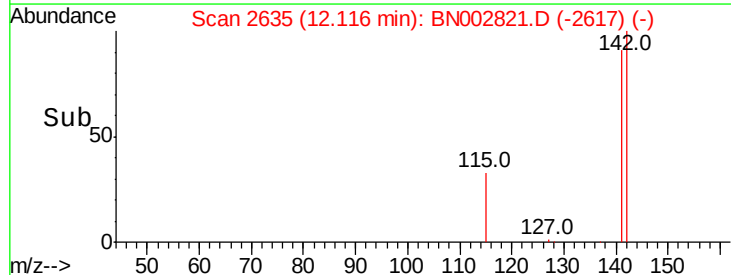
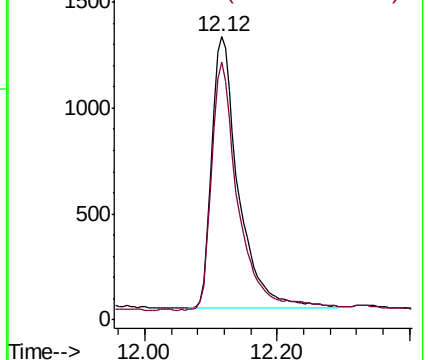
142 100

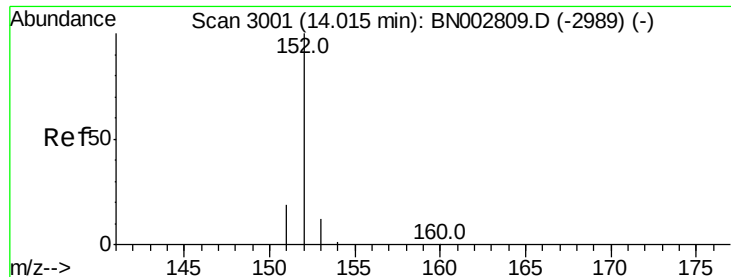
141 91.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.409 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

Instrument :

BNA_N

ClientSampleId :

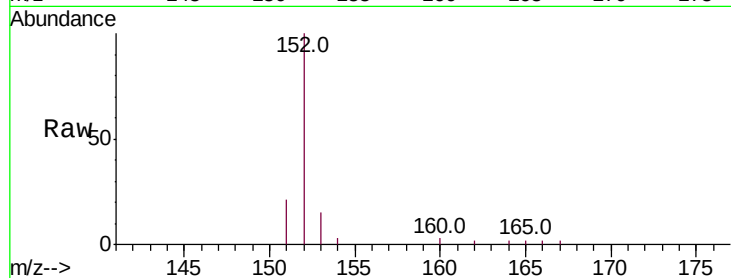
Tot Ion:152 Resp: 4689

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

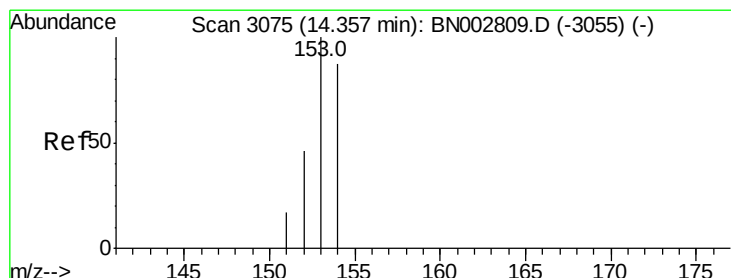
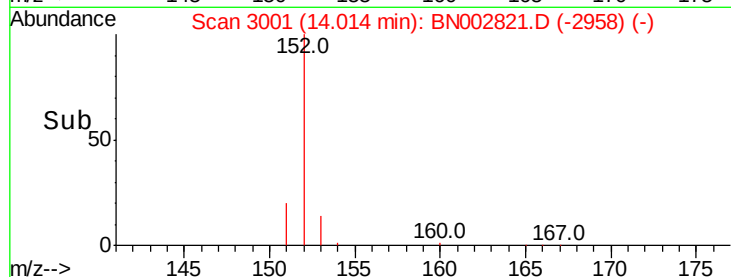
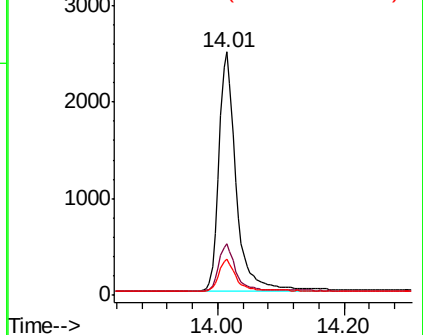
153 15.1 12.8 19.2



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: 0.411 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

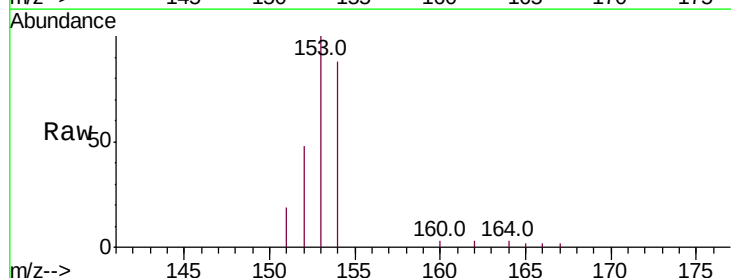
Tgt Ion:153 Resp: 3847

Ion Ratio Lower Upper

153 100

152 47.7 36.0 54.0

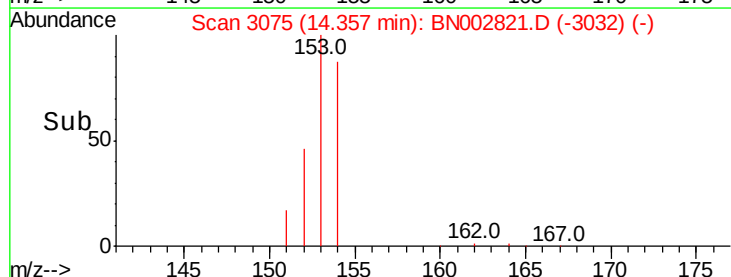
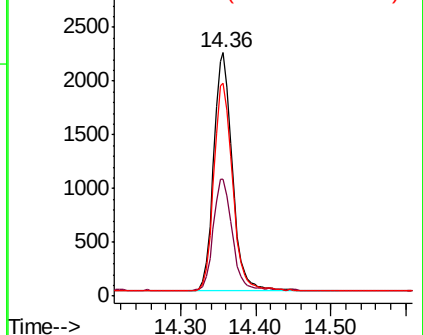
154 87.6 72.0 108.0

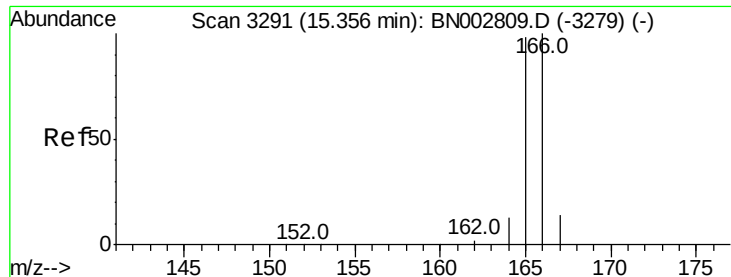


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

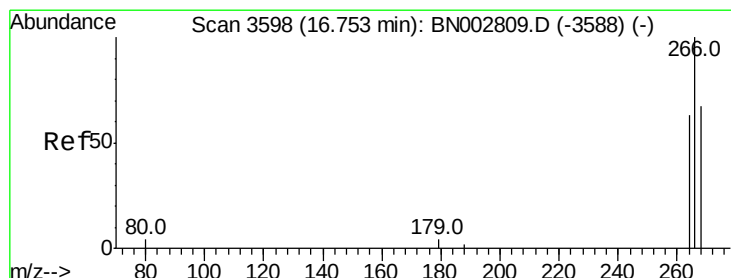
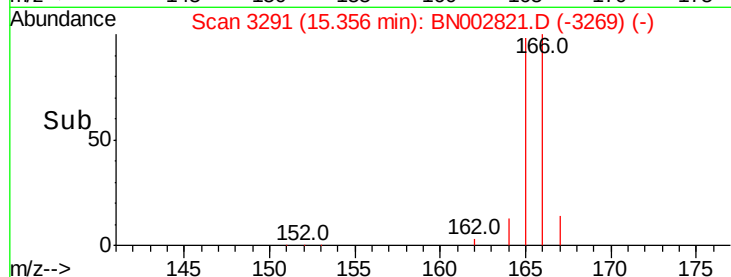
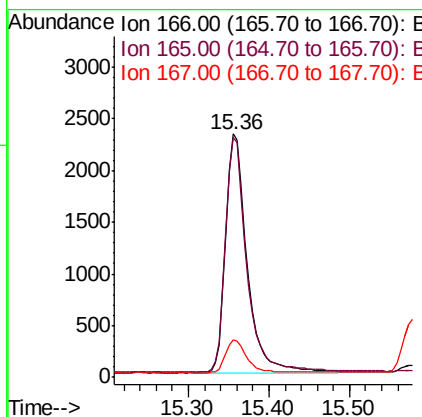
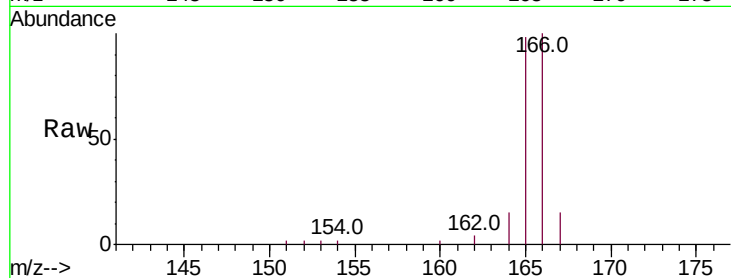




#9
Fluorene
 Concen: 0.422 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. -0.00 min
 Lab File: BN002821.D
 Acq: 21 Sep 2018 16:58

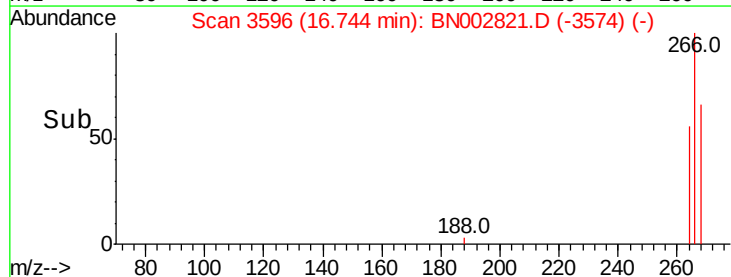
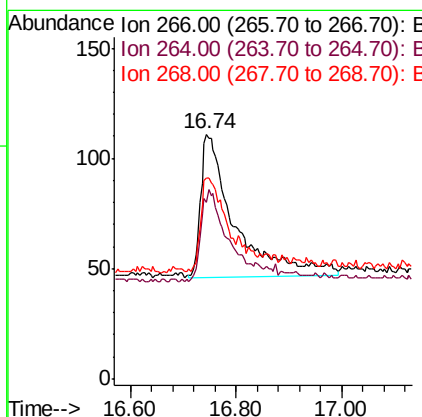
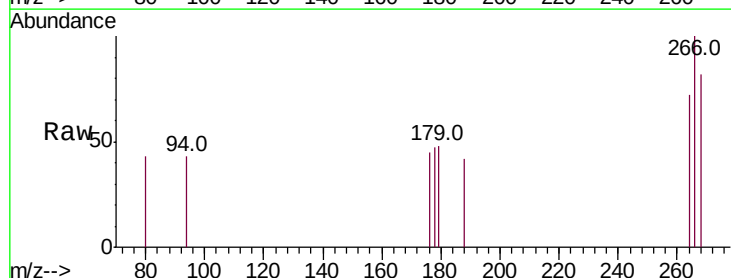
Instrument :
 BNA_N
 ClientSampleId :

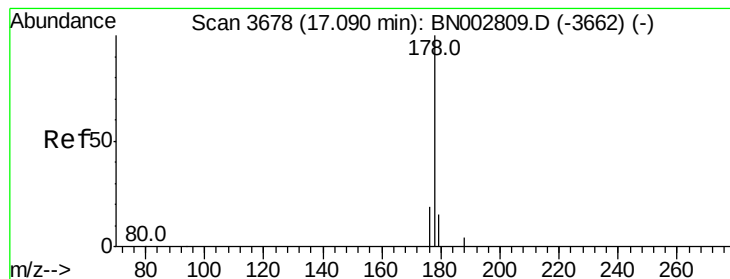
Tot Ion:166 Resp: 4220
 Ion Ratio Lower Upper
 166 100
 165 98.4 73.4 110.2
 167 15.3 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.464 ng/ul
 RT: 16.74 min Scan# 3596
 Delta R.T. -0.01 min
 Lab File: BN002821.D
 Acq: 21 Sep 2018 16:58

Tgt Ion:266 Resp: 290
 Ion Ratio Lower Upper
 266 100
 264 61.7 47.9 71.9
 268 59.0 49.8 74.8





#12

Phenanthrene

Concen: 0.420 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

Instrument :

BNA_N

ClientSampleId :

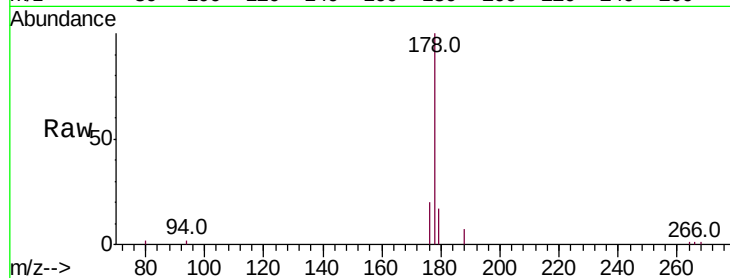
Tot Ion:178 Resp: 6434

Ion Ratio Lower Upper

178 100

179 16.7 18.4 27.6#

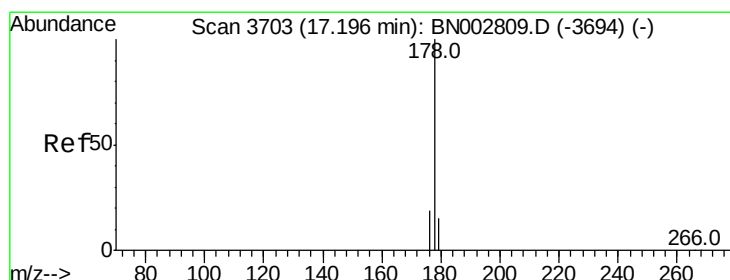
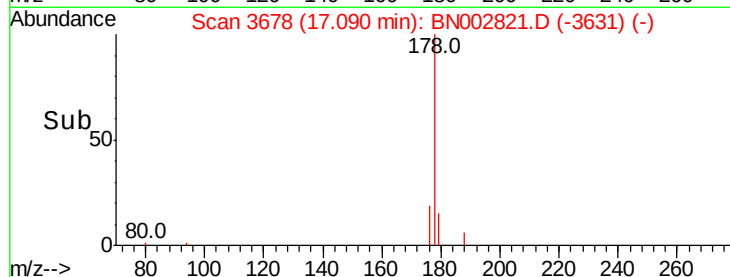
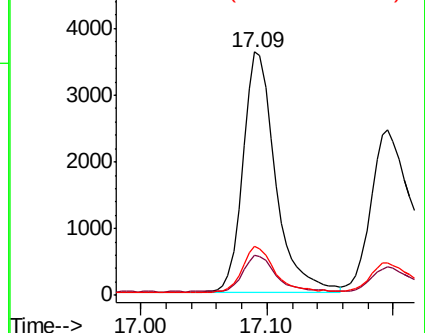
176 20.1 13.6 20.4



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: 0.430 ng/ul

RT: 17.20 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

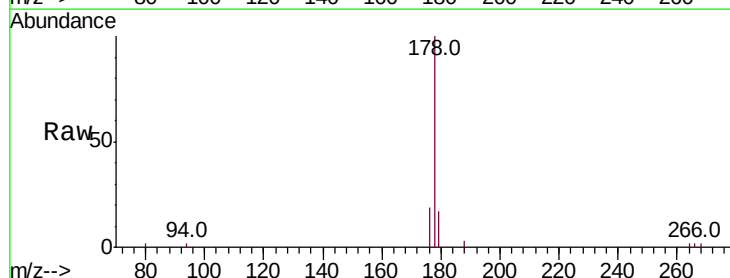
Tgt Ion:178 Resp: 5716

Ion Ratio Lower Upper

178 100

179 17.3 18.1 27.1#

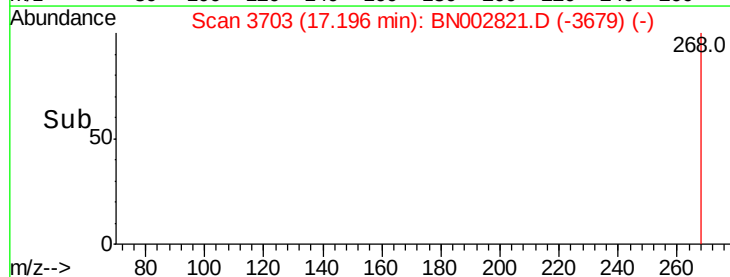
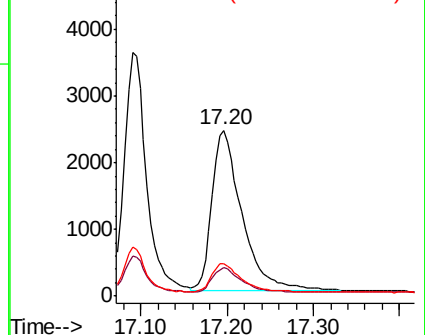
176 19.4 14.7 22.1

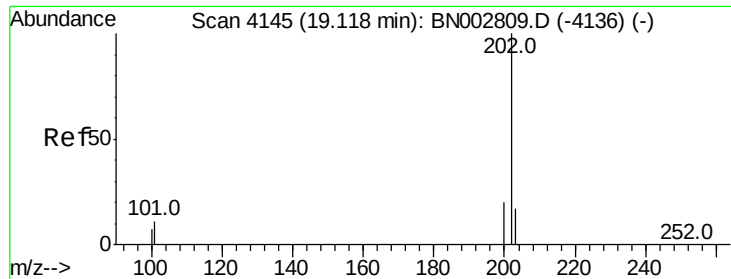


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

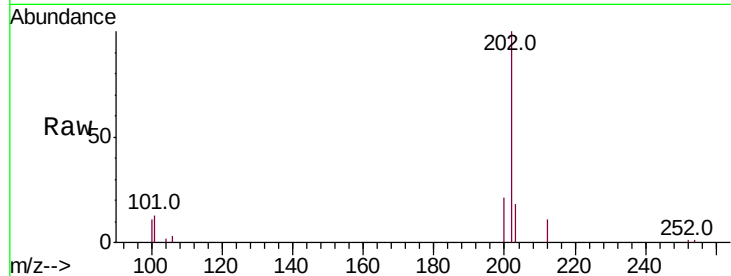




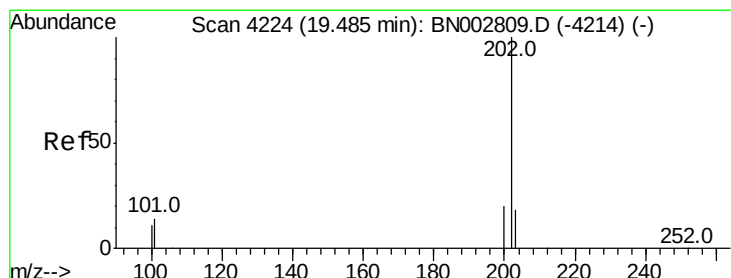
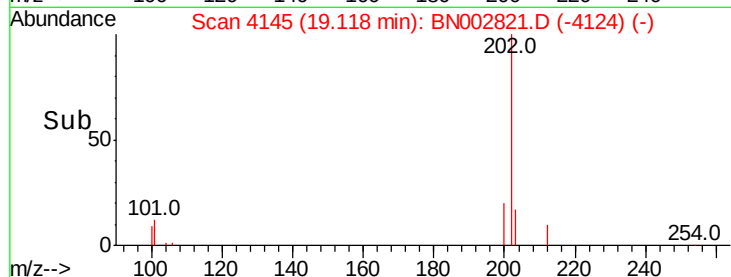
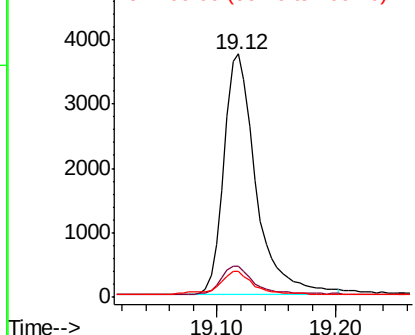
#15
 Fluoranthene
 Concen: 0.423 ng/ul
 RT: 19.12 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN002821.D
 Acq: 21 Sep 2018 16:58

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.0
100	10.6	0.0	30.0

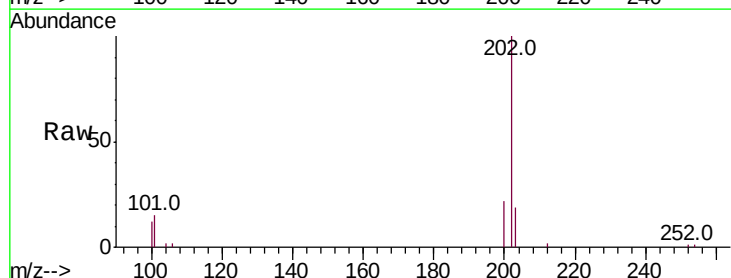


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

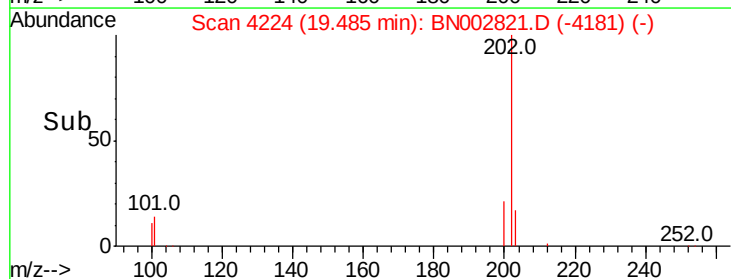
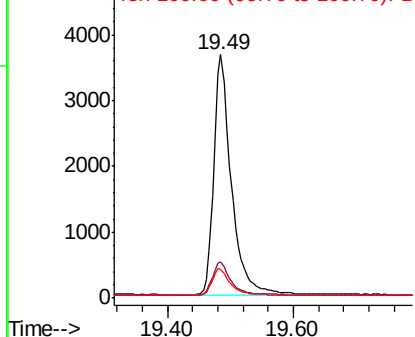


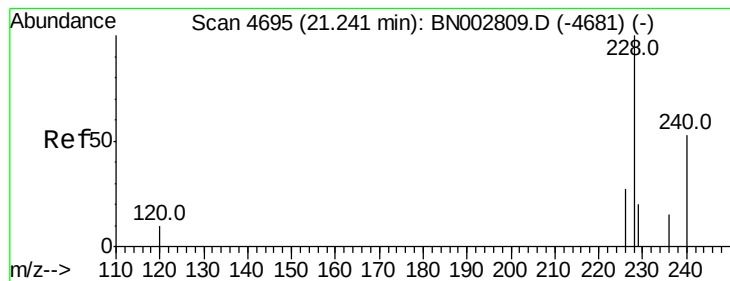
#17
 Pyrene
 Concen: 0.436 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN002821.D
 Acq: 21 Sep 2018 16:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.0	18.0
100	11.6	8.0	12.0



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: 0.433 ng/ul

RT: 21.24 min Scan# 4696

Delta R.T. 0.00 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

Instrument :

BNA_N

ClientSampleId :

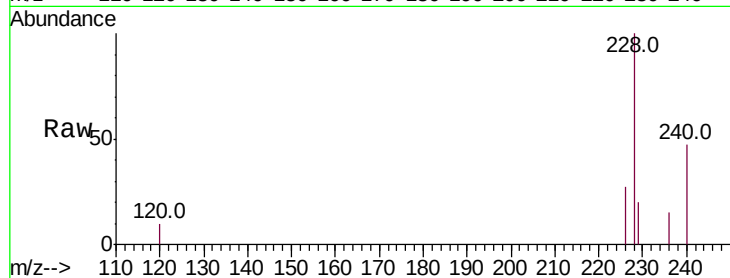
Tot Ion:228 Resp: 5977

Ion Ratio Lower Upper

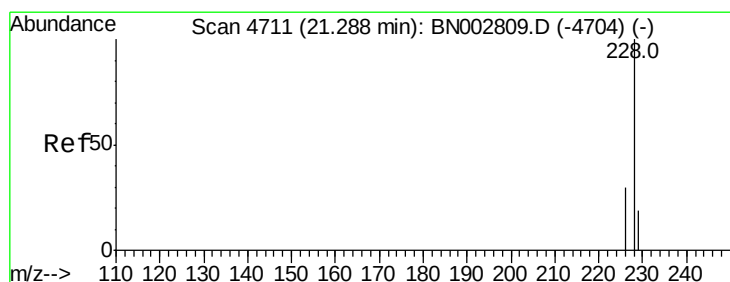
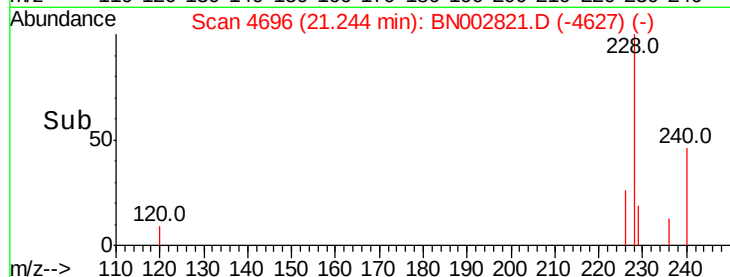
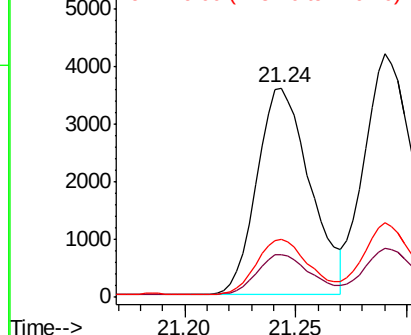
228 100

229 20.3 22.8 34.2#

226 27.5 17.0 25.6#



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: 0.425 ng/ul

RT: 21.29 min Scan# 4712

Delta R.T. 0.00 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

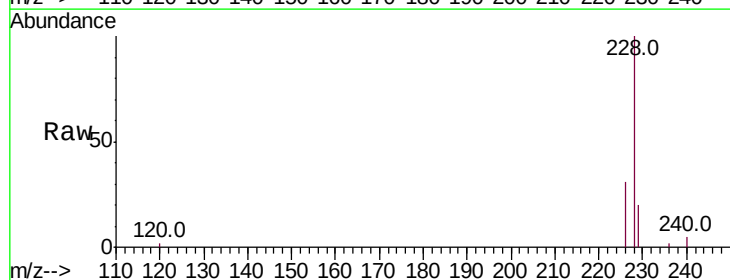
Tgt Ion:228 Resp: 6839

Ion Ratio Lower Upper

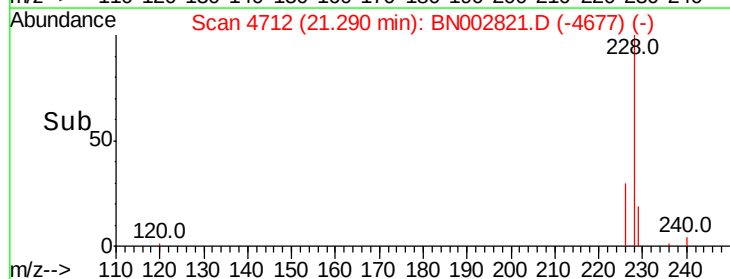
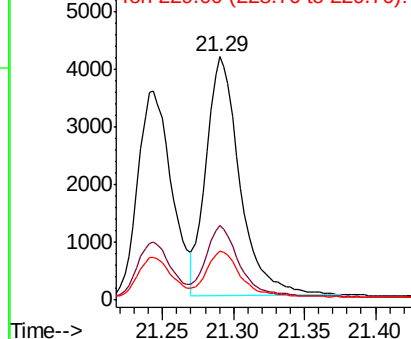
228 100

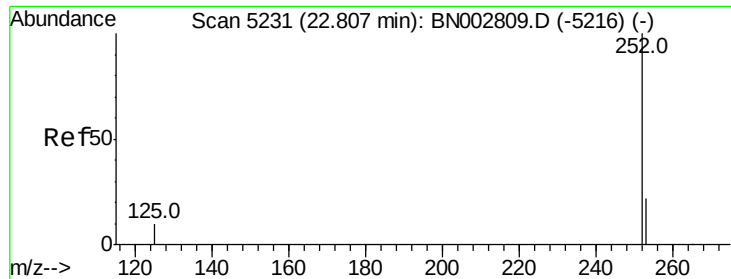
226 30.7 23.4 35.0

229 20.3 17.7 26.5



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: 0.418 ng/ul

RT: 22.81 min Scan# 5233

Delta R.T. 0.01 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

Instrument :

BNA_N

ClientSampleId :

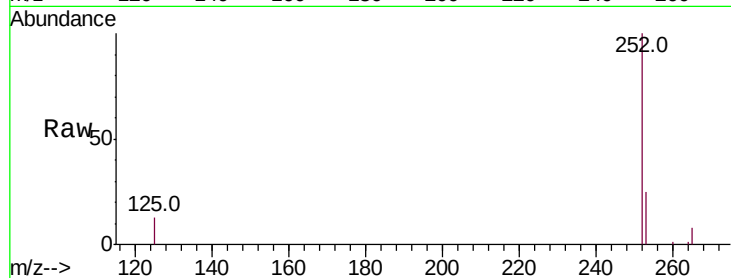
Tot Ion:252 Resp: 6670

Ion Ratio Lower Upper

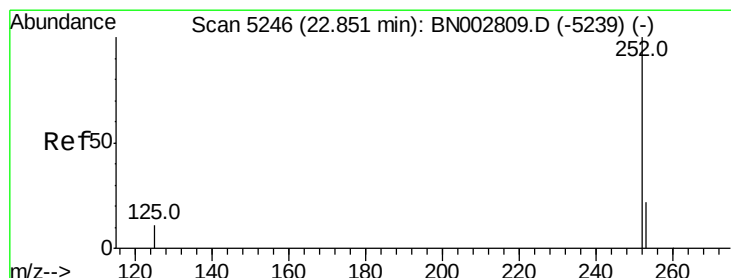
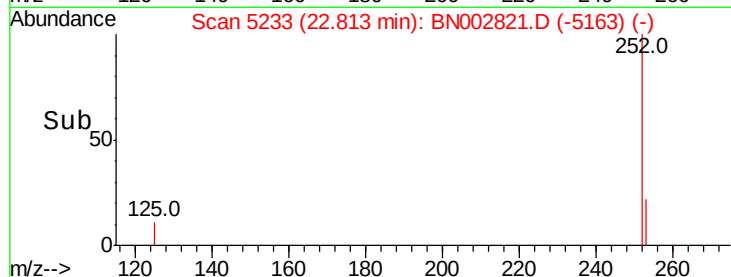
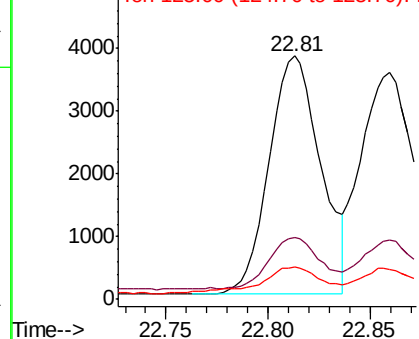
252 100

253 25.2 0.0 64.2

125 13.3 0.0 35.0



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: 0.421 ng/ul

RT: 22.86 min Scan# 5249

Delta R.T. 0.01 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

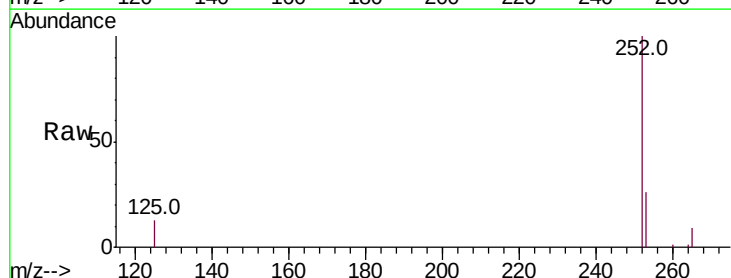
Tgt Ion:252 Resp: 7062

Ion Ratio Lower Upper

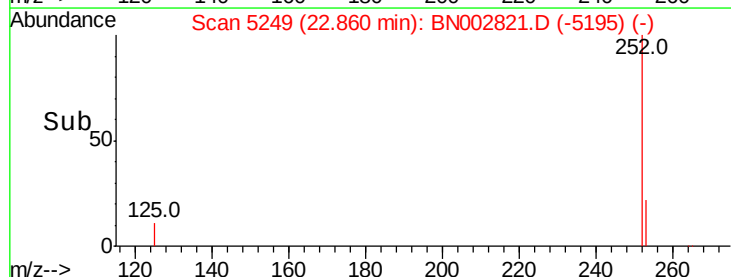
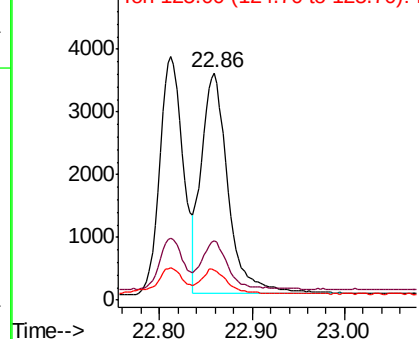
252 100

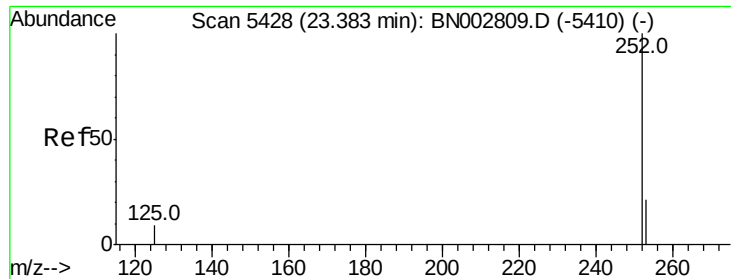
253 26.3 24.5 36.7

125 13.1 13.7 20.5#



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: 0.418 ng/ul

RT: 23.39 min Scan# 5429

Delta R.T. 0.00 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

Instrument :

BNA_N

ClientSampleId :

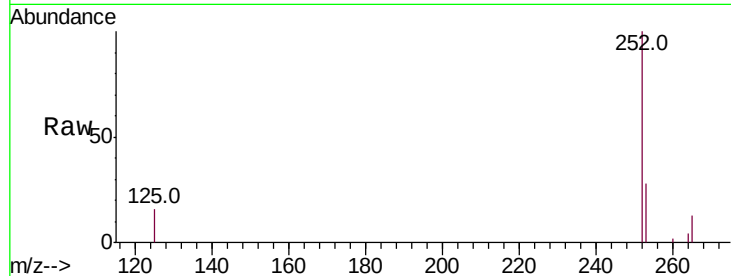
Tot Ion:252 Resp: 6386

Ion Ratio Lower Upper

252 100

253 28.0 16.0 24.0#

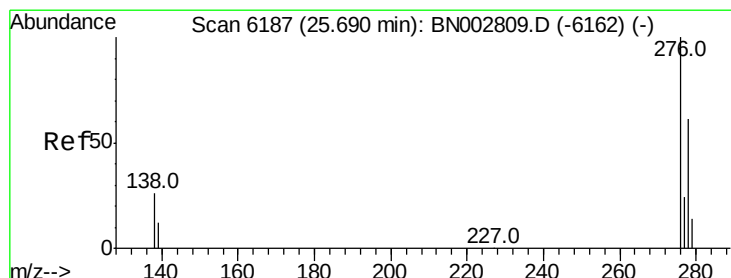
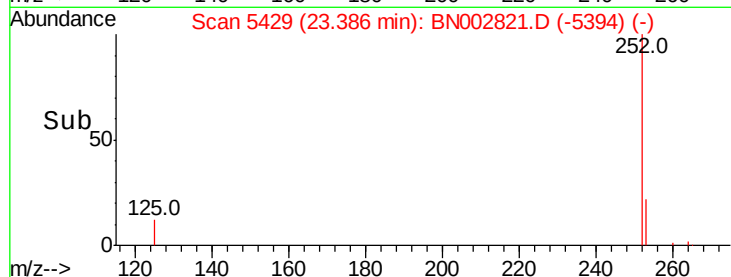
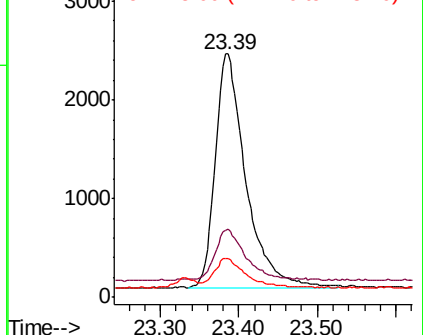
125 16.0 12.0 18.0



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.408 ng/ul

RT: 25.70 min Scan# 6190

Delta R.T. 0.01 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

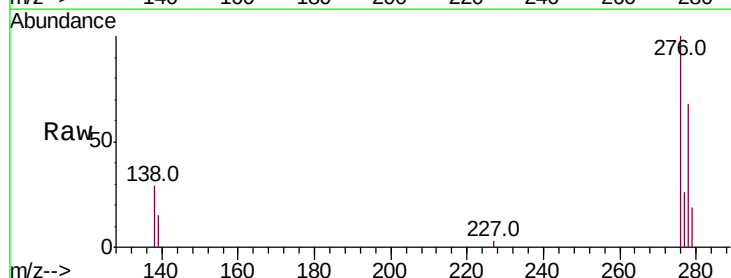
Tgt Ion:276 Resp: 7518

Ion Ratio Lower Upper

276 100

138 28.1 28.0 42.0

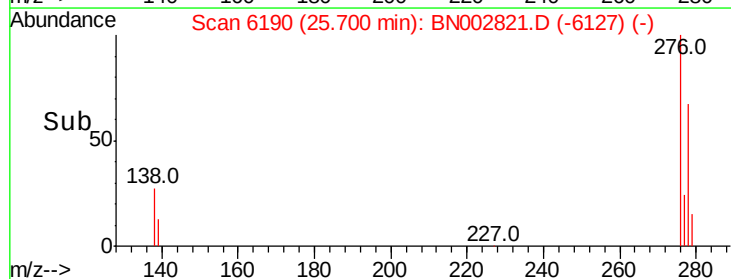
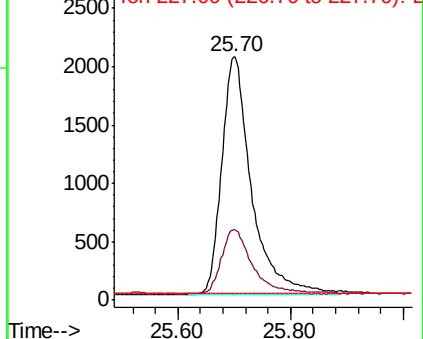
227 0.0 0.8 1.2#

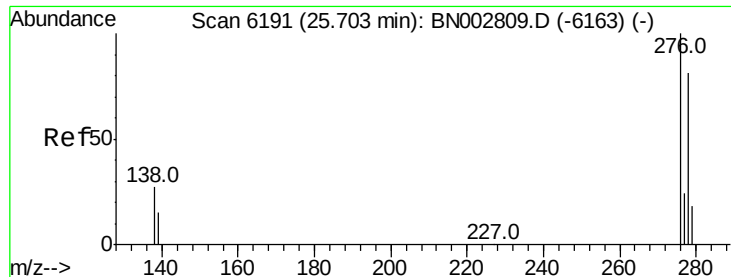


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.407 ng/ul

RT: 25.71 min Scan# 6192

Delta R.T. 0.00 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

Instrument :

BNA_N

ClientSampleId :

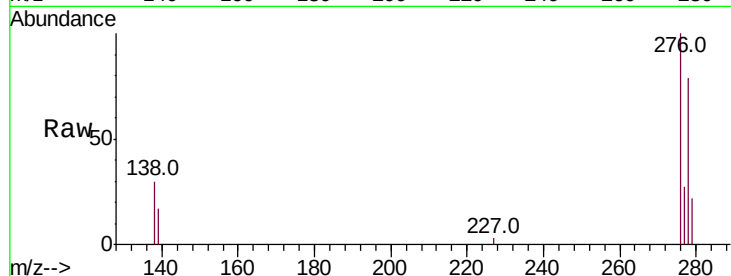
Tot Ion:278 Resp: 6008

Ion Ratio Lower Upper

278 100

139 21.8 17.4 26.0

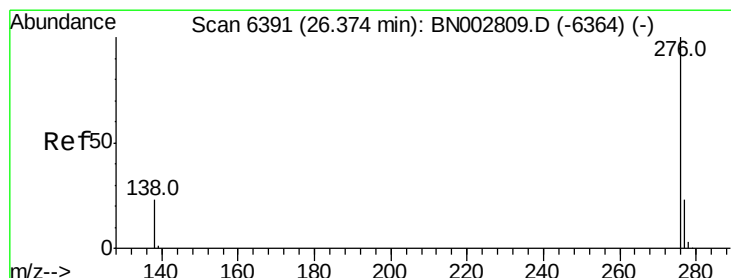
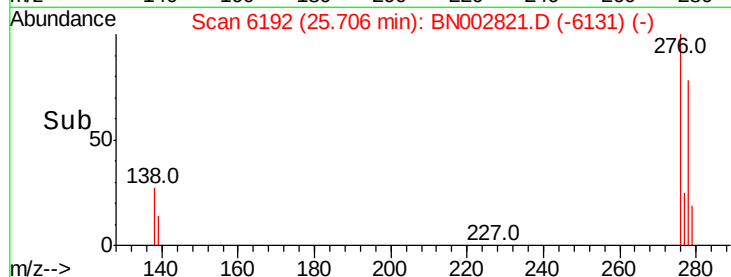
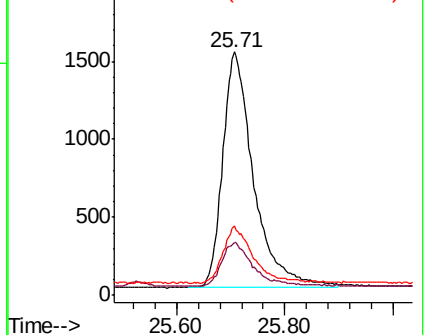
279 28.4 25.9 38.9



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: 0.411 ng/ul

RT: 26.38 min Scan# 6393

Delta R.T. 0.01 min

Lab File: BN002821.D

Acq: 21 Sep 2018 16:58

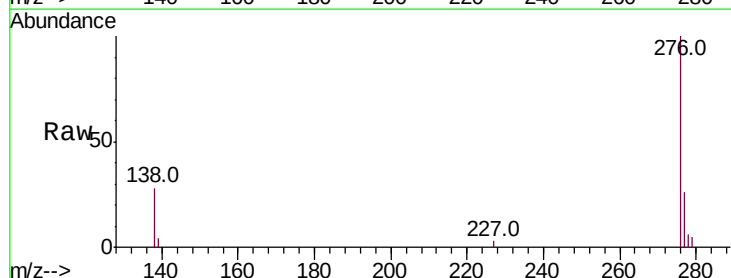
Tgt Ion:276 Resp: 6542

Ion Ratio Lower Upper

276 100

138 28.1 21.8 32.8

277 26.4 20.5 30.7



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

