

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
 Data File : BN006883.D
 Acq On : 17 Jul 2019 21:16
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 18 01:08:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 06:39:20 2019
 Response via : Initial Calibration

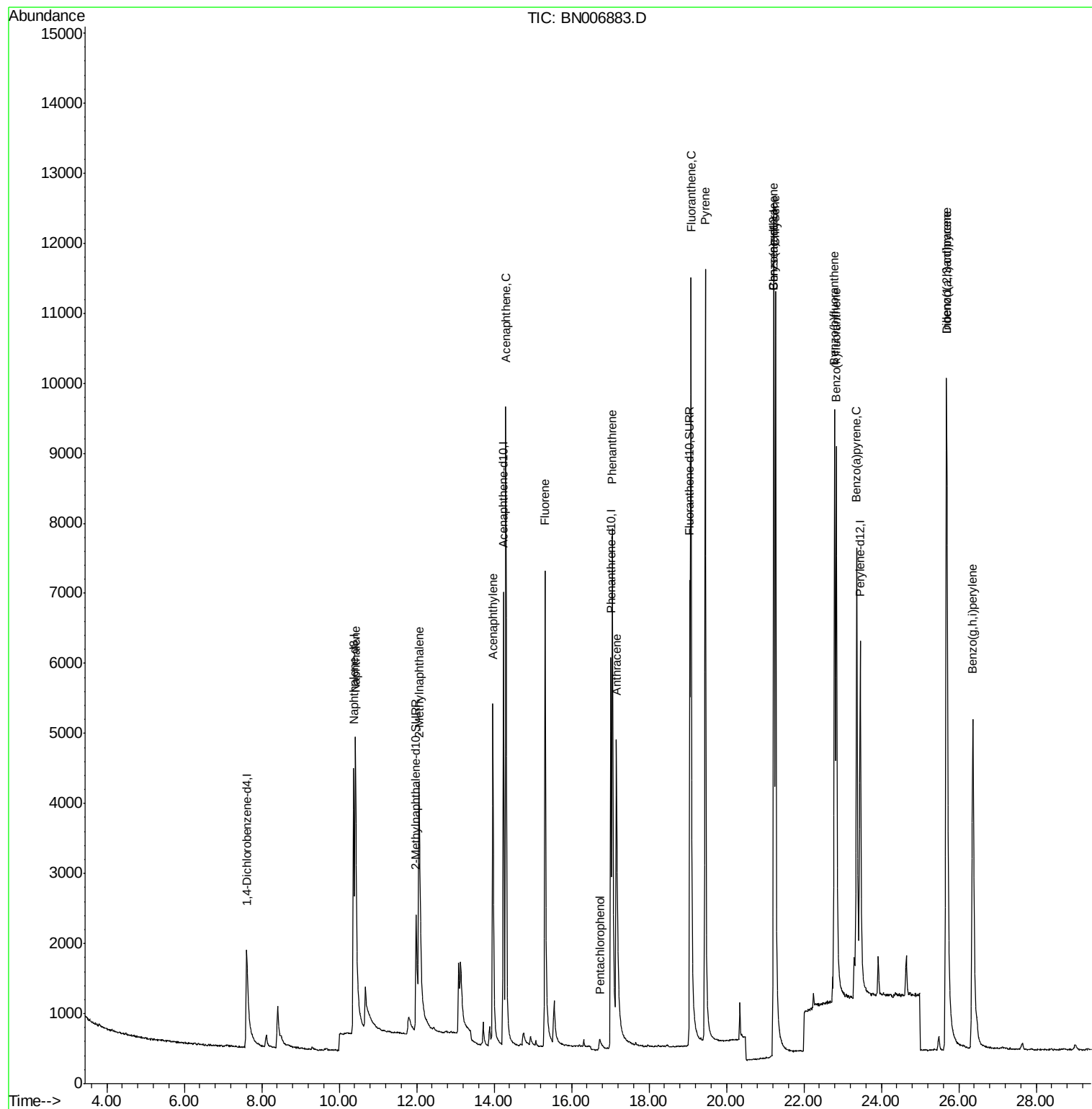
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2067	0.40	ng/ul	0.02
2) Naphthalene-d8	10.37	136	8165	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	4260	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9021	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	7233	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	7933	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4567	0.36	ng/ul	0.01
14) Fluoranthene-d10	19.05	212	9571	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	9053	0.386	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	5486	0.346	ng/ul	99
7) Acenaphthylene	13.97	152	7891	0.359	ng/ul	99
8) Acenaphthene	14.31	153	6434	0.380	ng/ul	98
9) Fluorene	15.31	166	6594	0.355	ng/ul	99
11) Pentachlorophenol	16.73	266	333	0.248	ng/ul#	90
12) Phenanthrene	17.05	178	10546	0.363	ng/ul	99
13) Anthracene	17.16	178	8196	0.327	ng/ul	98
15) Fluoranthene	19.09	202	12370	0.345	ng/ul	99
17) Pyrene	19.45	202	13073	0.396	ng/ul	98
18) Benzo(a)anthracene	21.22	228	10050	0.338	ng/ul	100
19) Chrysene	21.27	228	13673	0.412	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	11764	0.362	ng/ul	97
22) Benzo(k)fluoranthene	22.83	252	13275	0.390	ng/ul	98
23) Benzo(a)pyrene	23.36	252	12014	0.377	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.68	276	13845	0.429	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.69	278	10790	0.421	ng/ul	97
26) Benzo(g,h,i)perylene	26.36	276	12322	0.457	ng/ul	96

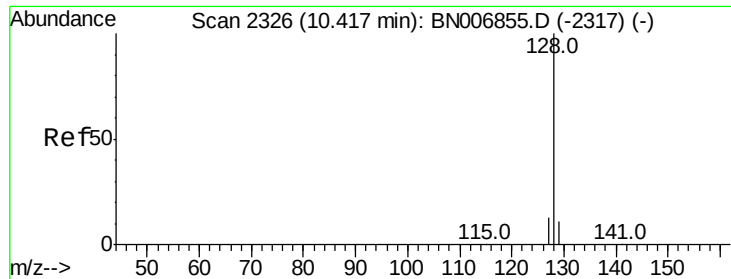
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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QLast Update : Fri Jul 12 06:39:20 2019
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#3

Naphthalene

Concen: 0.386 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.01 min

Lab File: BN006883.D

Acq: 17 Jul 2019 21:16

Instrument :

BNA_N

ClientSampleId :

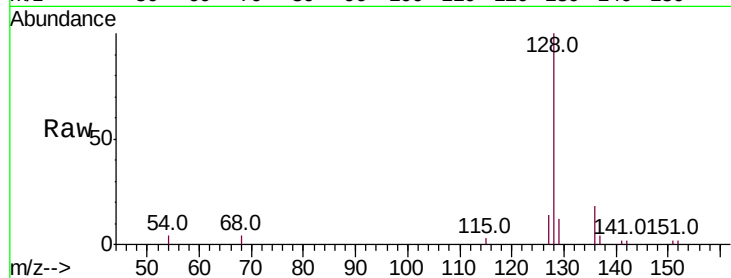
Tot Ion:128 Resp: 9053

Ion Ratio Lower Upper

128 100

129 12.4 9.4 14.0

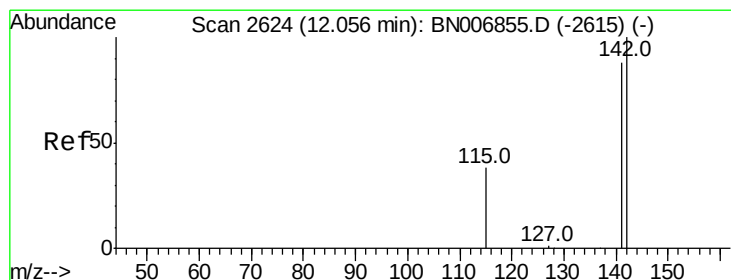
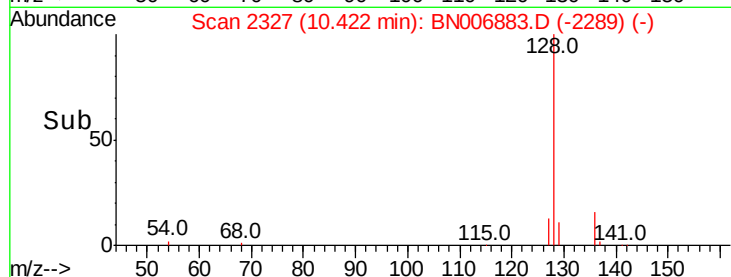
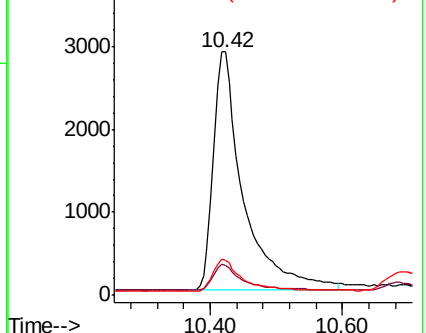
127 14.5 10.6 16.0



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: 0.346 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. 0.02 min

Lab File: BN006883.D

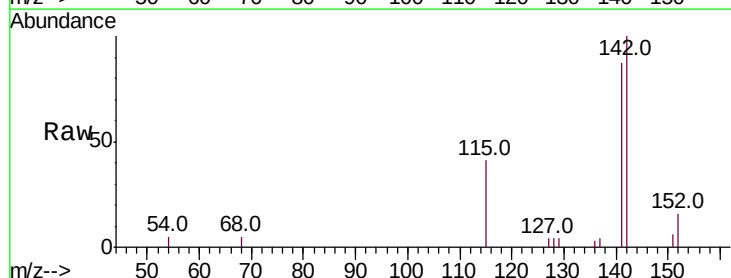
Acq: 17 Jul 2019 21:16

Tgt Ion:142 Resp: 5486

Ion Ratio Lower Upper

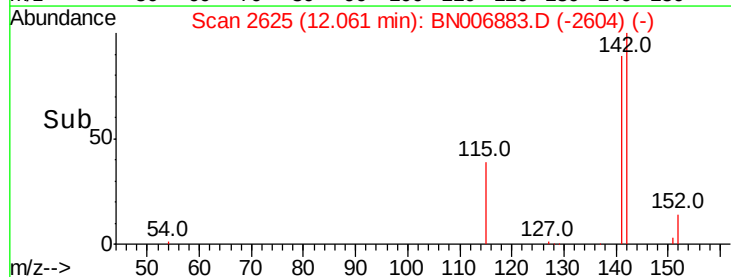
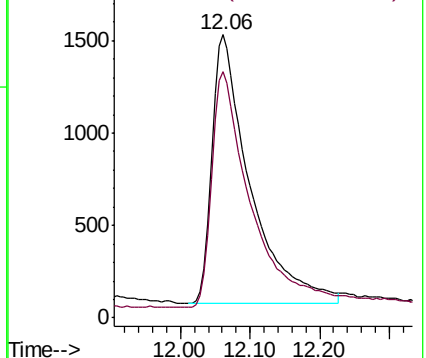
142 100

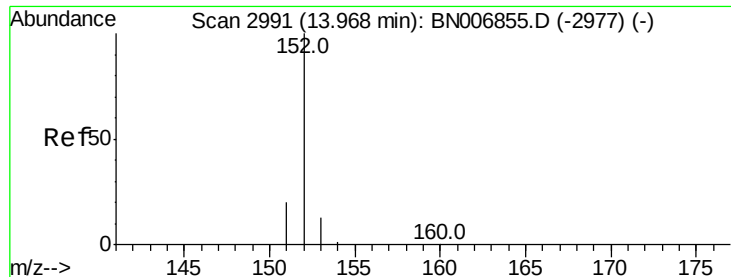
141 90.8 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.359 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BN006883.D

Acq: 17 Jul 2019 21:16

Instrument :

BNA_N

ClientSampleId :

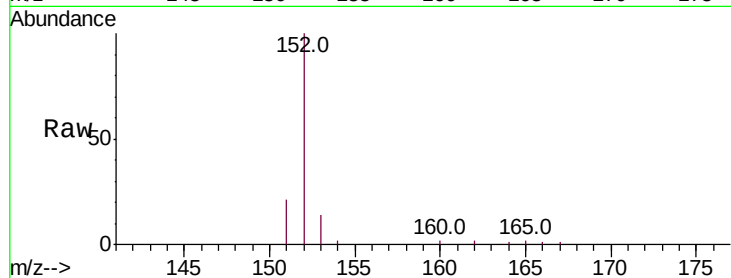
Tot Ion:152 Resp: 7891

Ion Ratio Lower Upper

152 100

151 20.9 16.1 24.1

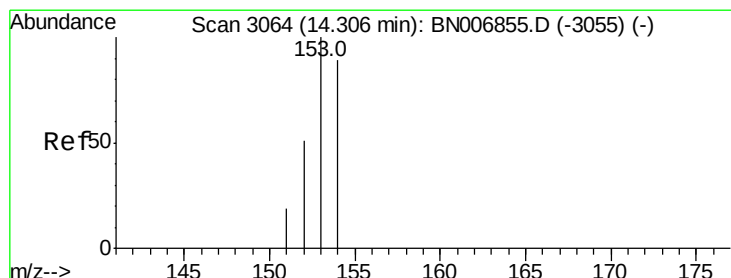
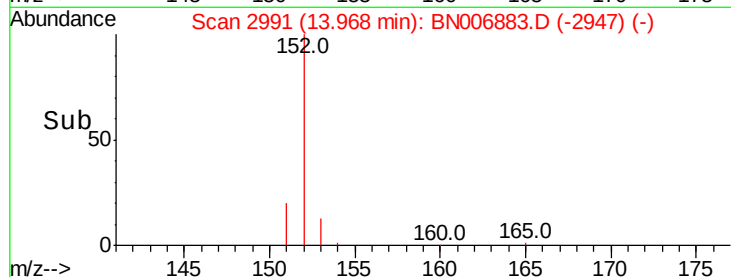
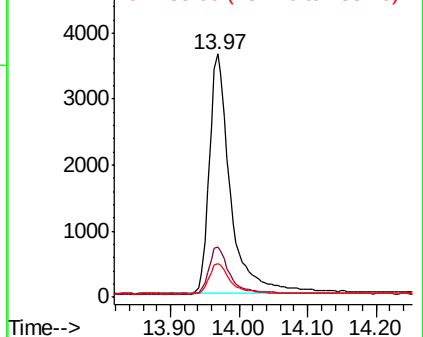
153 14.0 11.2 16.8



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: 0.380 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BN006883.D

Acq: 17 Jul 2019 21:16

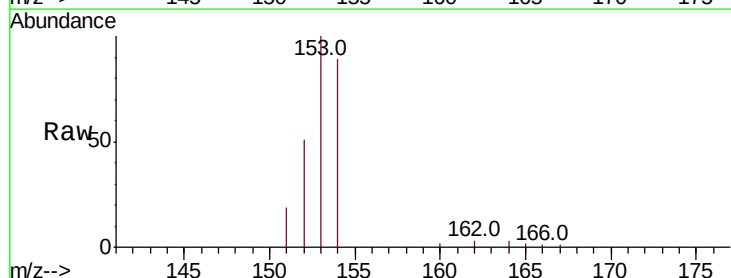
Tgt Ion:153 Resp: 6434

Ion Ratio Lower Upper

153 100

152 51.4 39.3 58.9

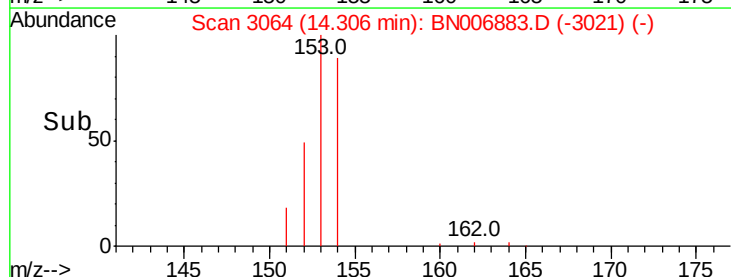
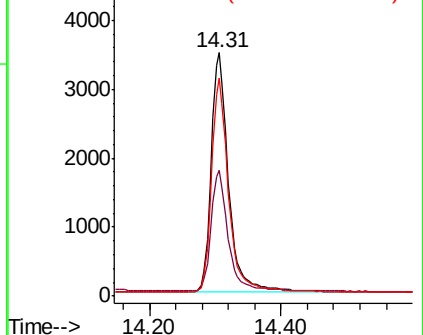
154 89.4 70.6 105.8

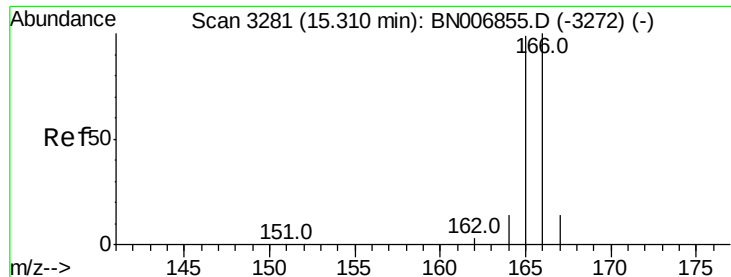


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

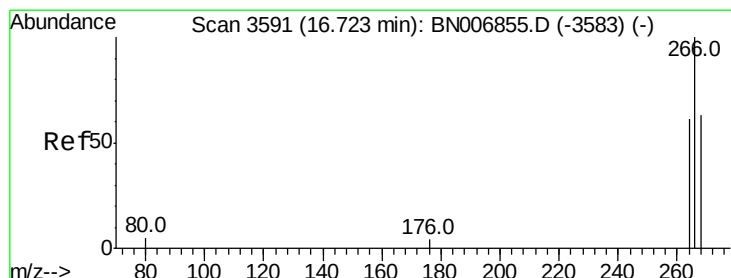
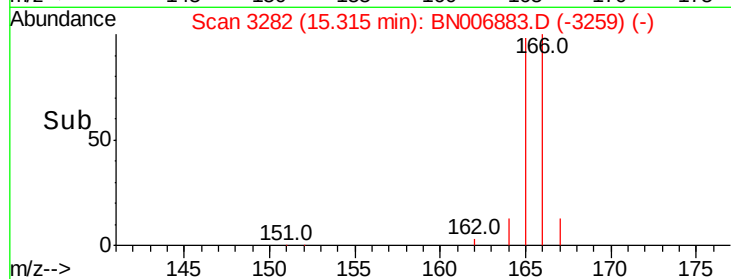
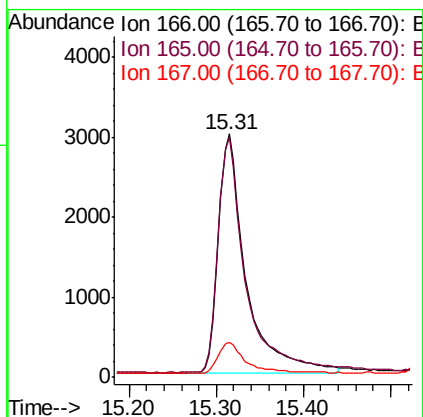
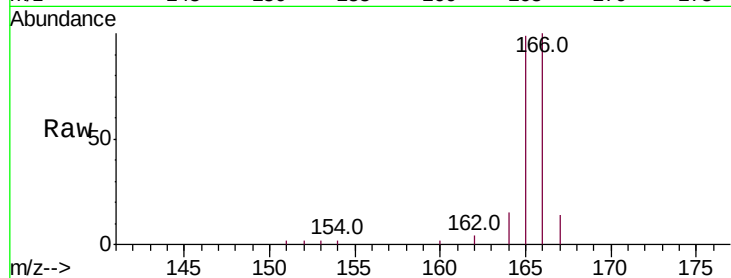




#9
Fluorene
 Concen: 0.355 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. 0.00 min
 Lab File: BN006883.D
 Acq: 17 Jul 2019 21:16

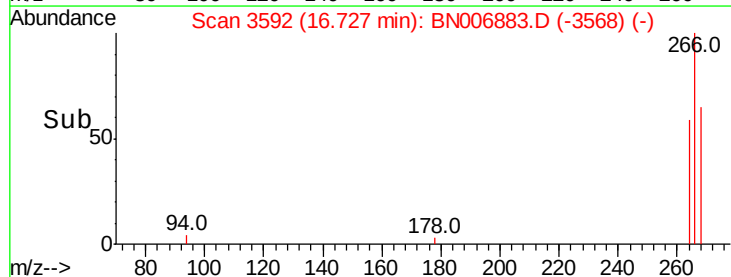
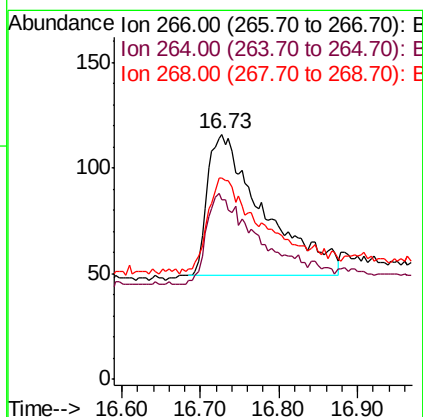
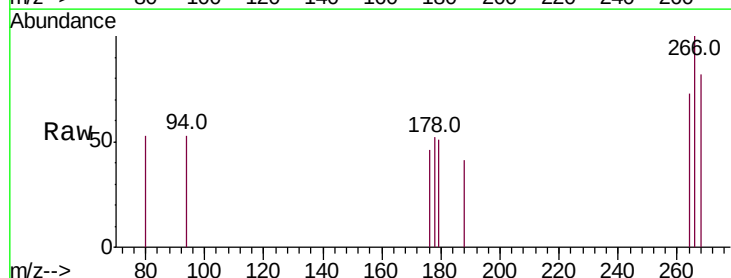
Instrument :
 BNA_N
 ClientSampleId :

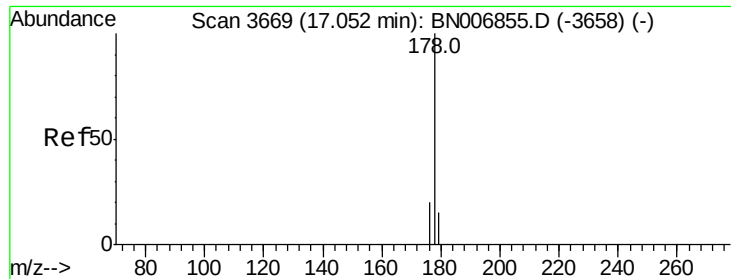
Tot Ion:166 Resp: 6594
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.2 117.4
 167 14.3 11.3 16.9



#11
Pentachlorophenol
 Concen: 0.248 ng/ul
 RT: 16.73 min Scan# 3592
 Delta R.T. 0.00 min
 Lab File: BN006883.D
 Acq: 17 Jul 2019 21:16

Tgt Ion:266 Resp: 333
 Ion Ratio Lower Upper
 266 100
 264 59.5 45.9 68.9
 268 73.3 48.1 72.1#





#12

Phenanthrene

Concen: 0.363 ng/ul

RT: 17.05 min Scan# 3669

Delta R.T. 0.00 min

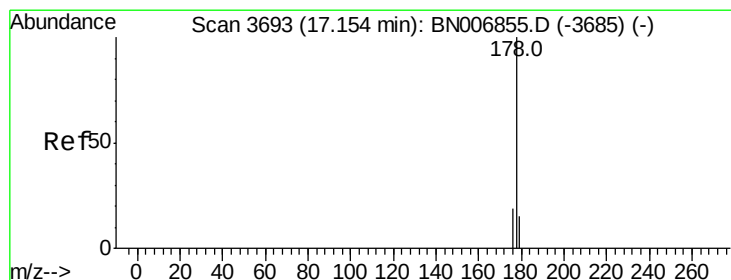
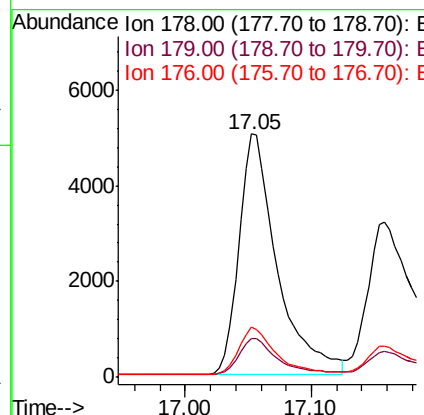
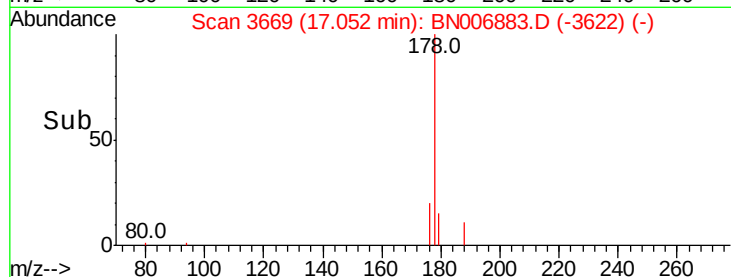
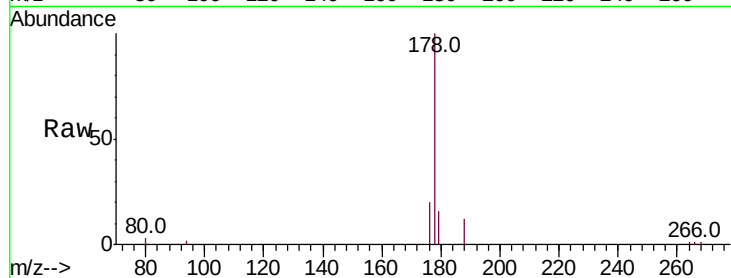
Lab File: BN006883.D

Acq: 17 Jul 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:178 Resp: 10546

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	20.4	15.8	23.8



#13

Anthracene

Concen: 0.327 ng/ul

RT: 17.16 min Scan# 3694

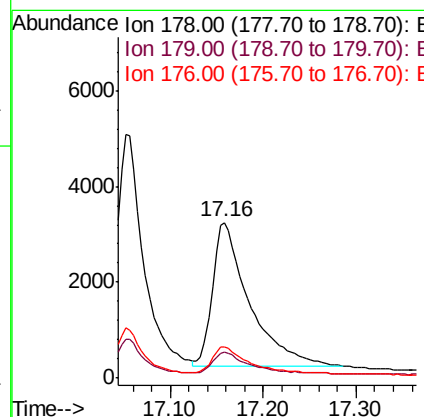
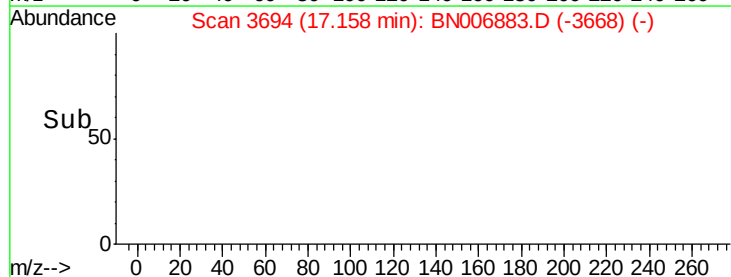
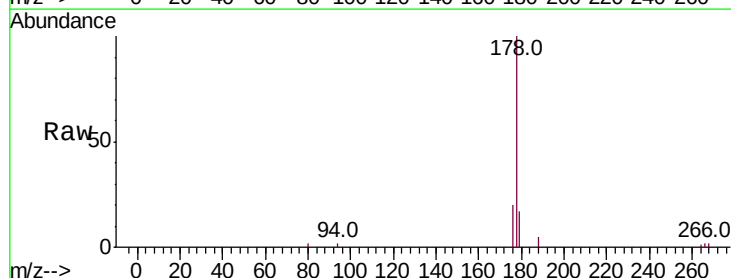
Delta R.T. 0.01 min

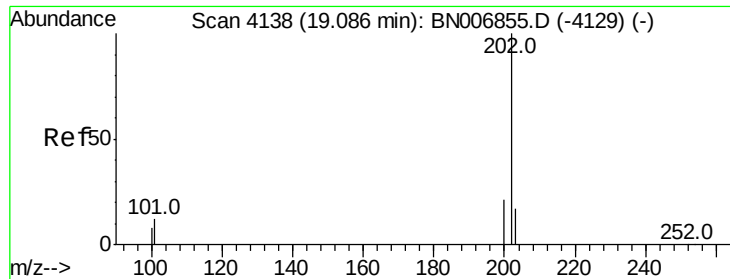
Lab File: BN006883.D

Acq: 17 Jul 2019 21:16

Tgt Ion:178 Resp: 8196

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.7	19.1
176	20.3	15.8	23.6

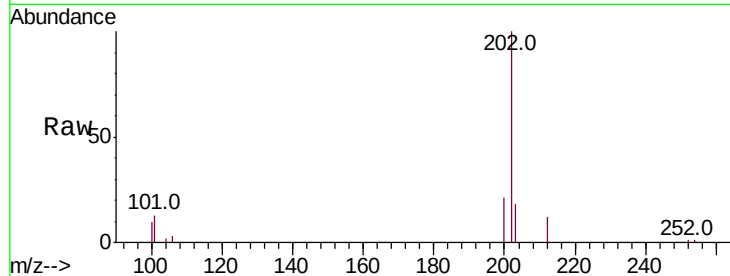




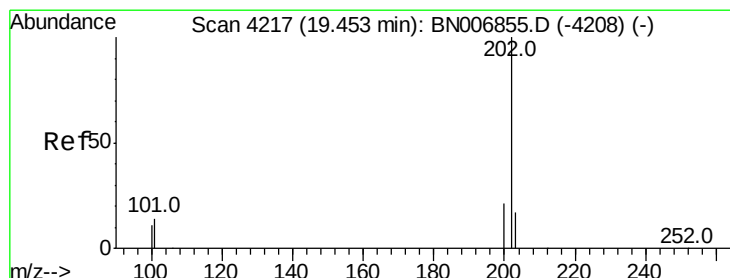
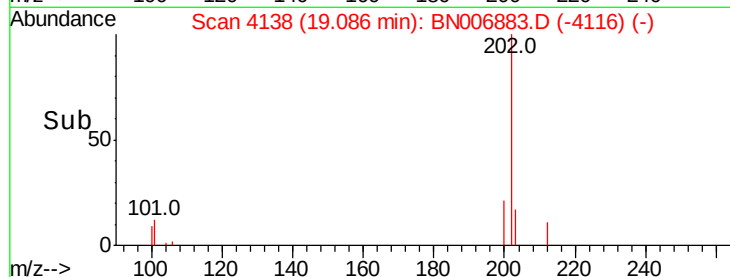
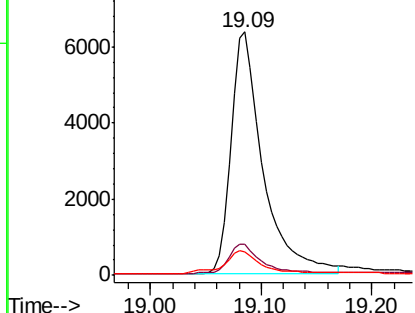
#15
Fluoranthene
Concen: 0.345 ng/ul
RT: 19.09 min Scan# 4138
Delta R.T. 0.00 min
Lab File: BN006883.D
Acq: 17 Jul 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
100	9.5	0.0	29.9

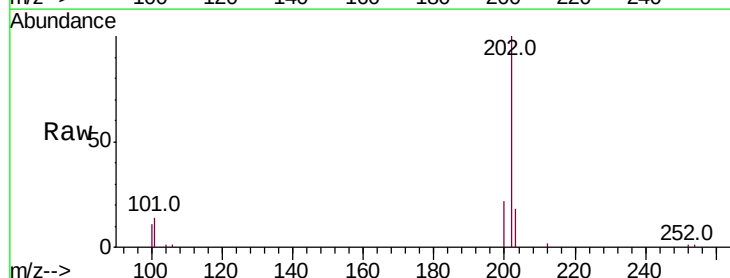


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

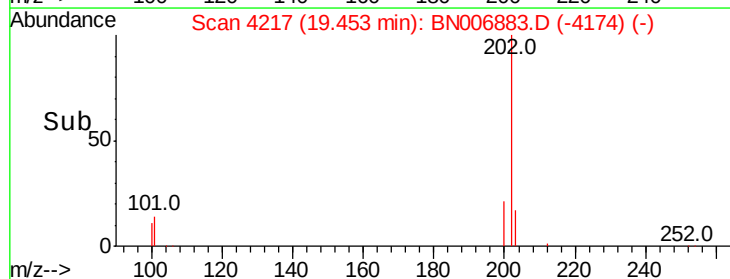
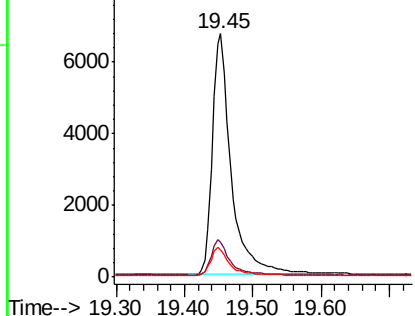


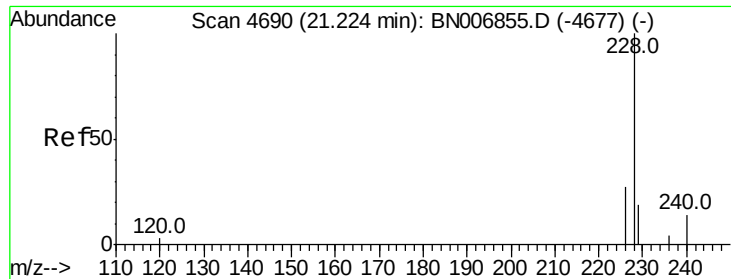
#17
Pyrene
Concen: 0.396 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN006883.D
Acq: 17 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.2	18.2
100	11.3	9.8	14.8



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





#18

Benzo(a)anthracene

Concen: 0.338 ng/ul

RT: 21.22 min Scan# 4687

Delta R.T. -0.01 min

Lab File: BN006883.D

Acq: 17 Jul 2019 21:16

Instrument :

BNA_N

ClientSampleId :

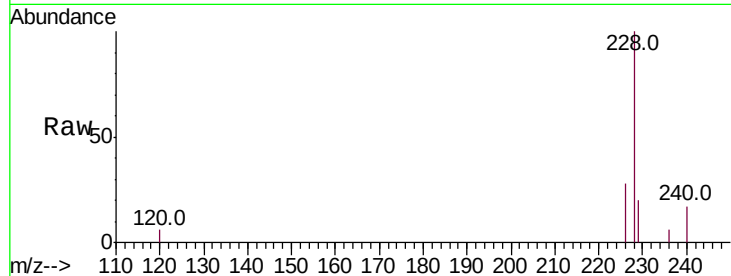
Tot Ion:228 Resp: 10050

Ion Ratio Lower Upper

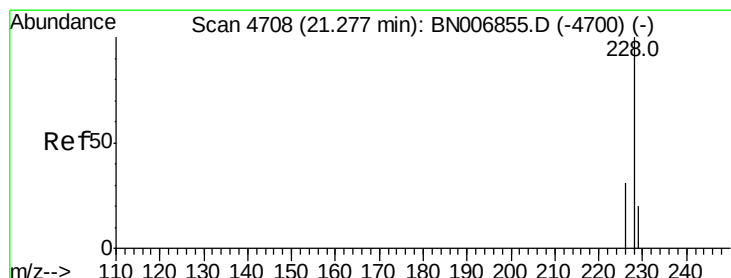
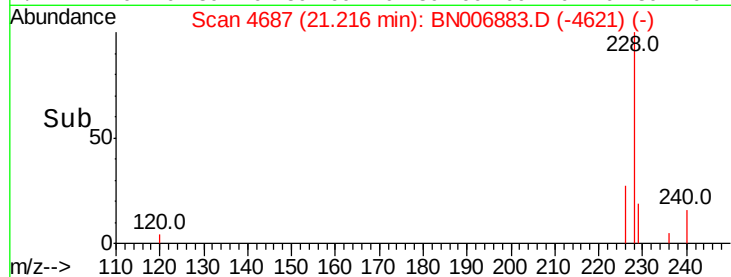
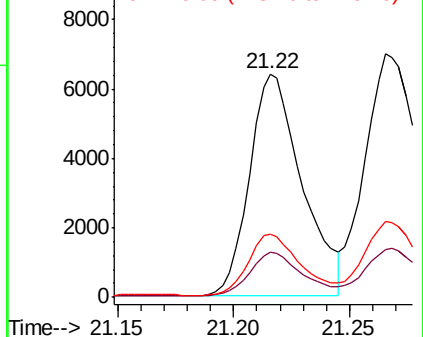
228 100

229 20.0 15.9 23.9

226 28.1 22.6 34.0



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: 0.412 ng/ul

RT: 21.27 min Scan# 4704

Delta R.T. -0.01 min

Lab File: BN006883.D

Acq: 17 Jul 2019 21:16

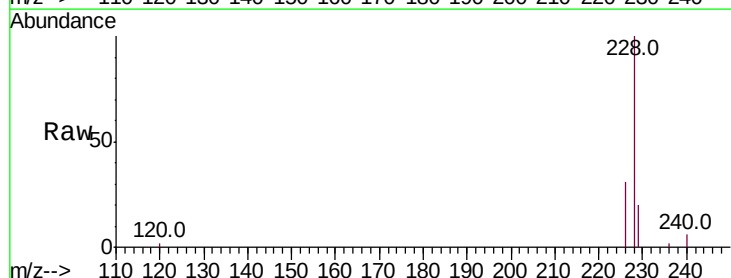
Tgt Ion:228 Resp: 13673

Ion Ratio Lower Upper

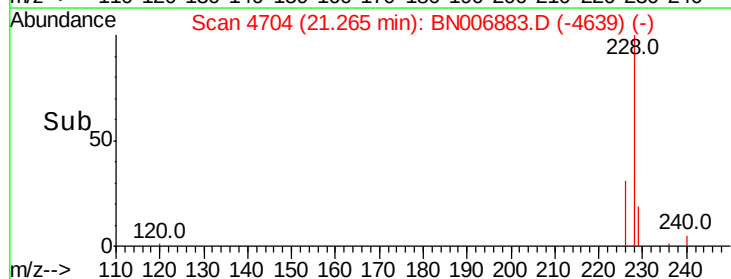
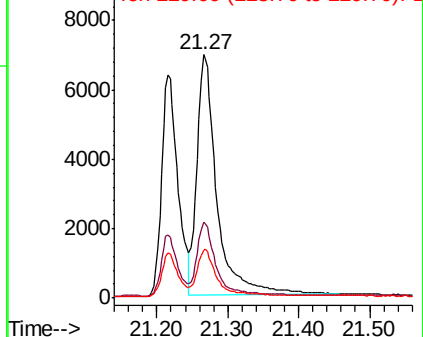
228 100

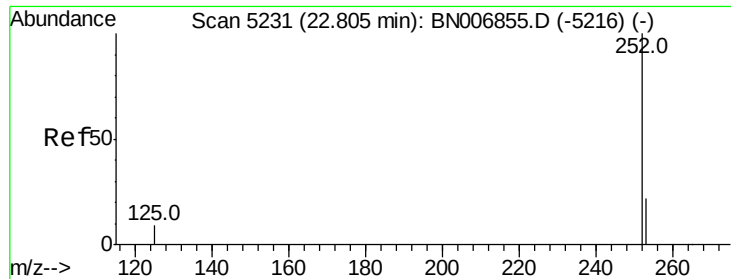
226 31.0 24.2 36.4

229 19.8 15.5 23.3



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: 0.362 ng/ul

RT: 22.79 min Scan# 5226

Delta R.T. -0.01 min

Lab File: BN006883.D

Acq: 17 Jul 2019 21:16

Instrument :

BNA_N

ClientSampleId :

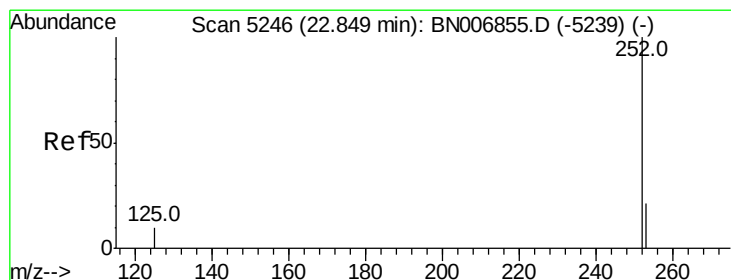
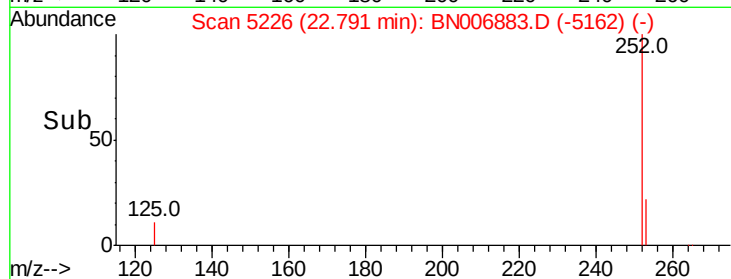
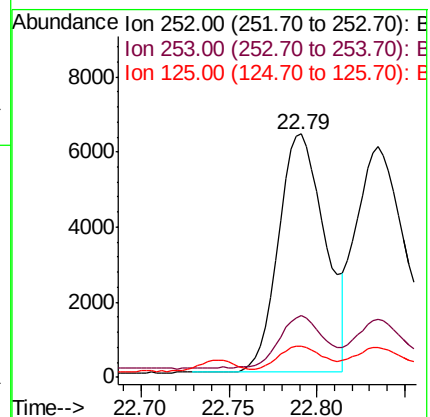
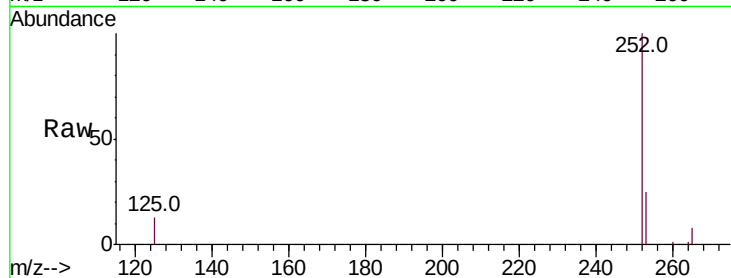
Tot Ion:252 Resp: 11764

Ion Ratio Lower Upper

252 100

253 25.3 0.0 47.8

125 13.0 0.0 29.2



#22

Benzo(k)fluoranthene

Concen: 0.390 ng/ul

RT: 22.83 min Scan# 5241

Delta R.T. -0.01 min

Lab File: BN006883.D

Acq: 17 Jul 2019 21:16

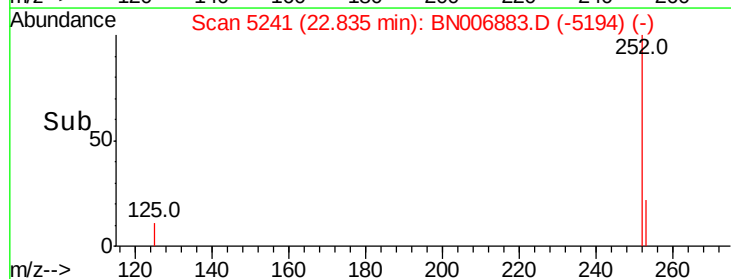
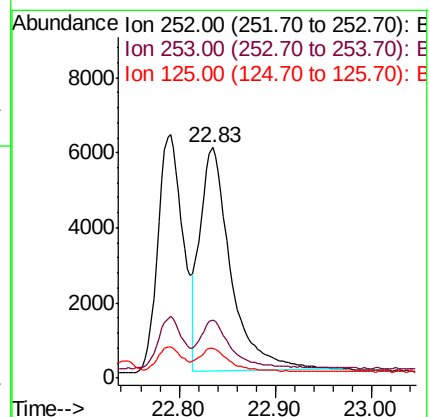
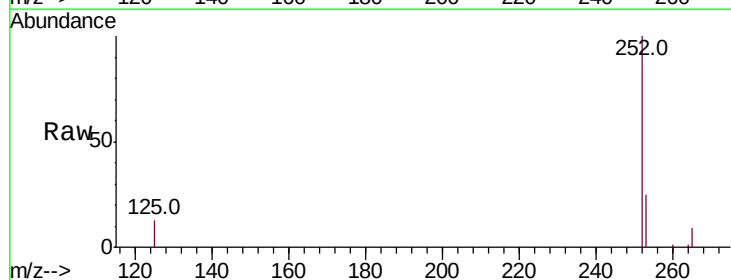
Tgt Ion:252 Resp: 13275

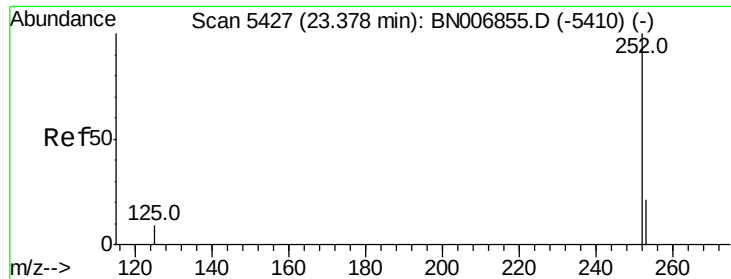
Ion Ratio Lower Upper

252 100

253 25.1 19.2 28.8

125 12.9 11.0 16.6





#23

Benzo(a)pyrene

Concen: 0.377 ng/ul

RT: 23.36 min Scan# 5422

Delta R.T. -0.01 min

Lab File: BN006883.D

Acq: 17 Jul 2019 21:16

Instrument :

BNA_N

ClientSampleId :

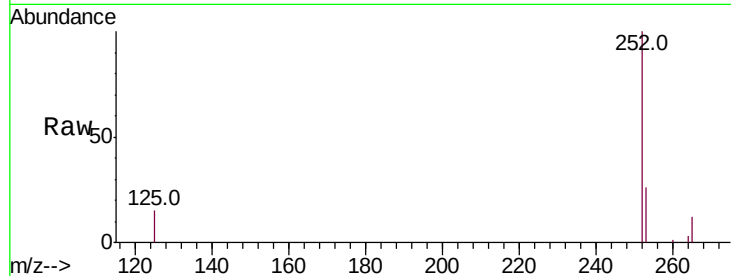
Tot Ion:252 Resp: 12014

Ion Ratio Lower Upper

252 100

253 26.4 19.4 29.2

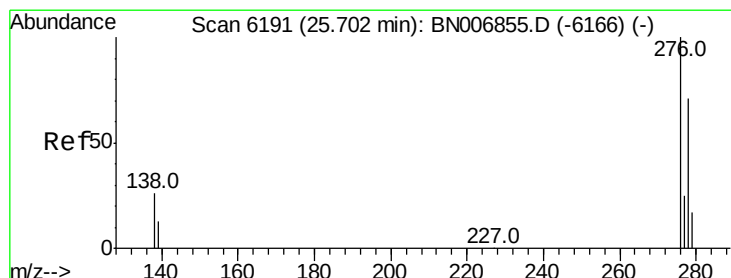
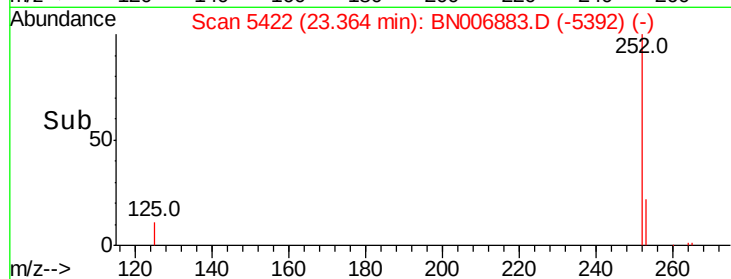
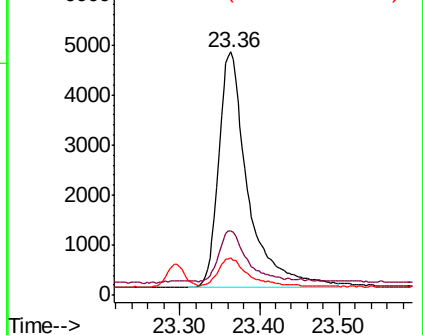
125 15.5 12.6 19.0



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: 0.429 ng/ul

RT: 25.68 min Scan# 6186

Delta R.T. -0.01 min

Lab File: BN006883.D

Acq: 17 Jul 2019 21:16

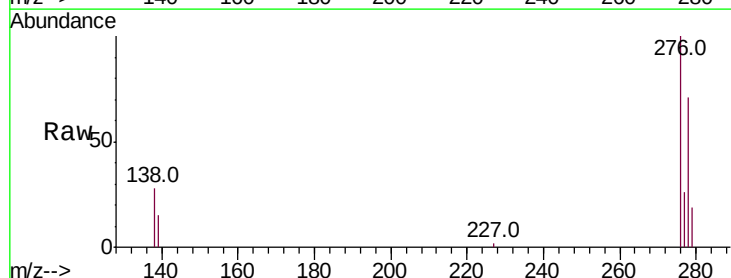
Tgt Ion:276 Resp: 13845

Ion Ratio Lower Upper

276 100

138 26.9 24.3 36.5

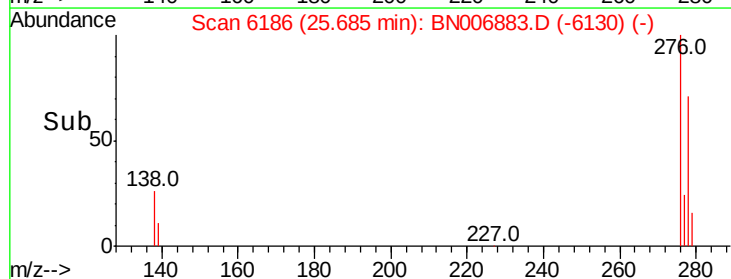
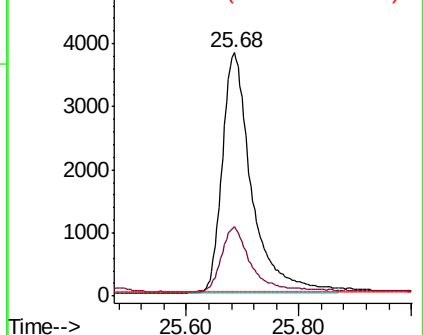
227 0.1 0.2 0.4#

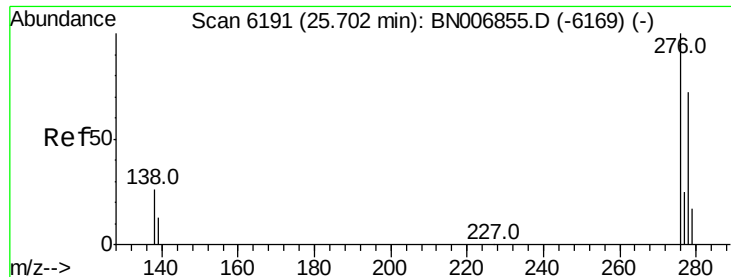


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

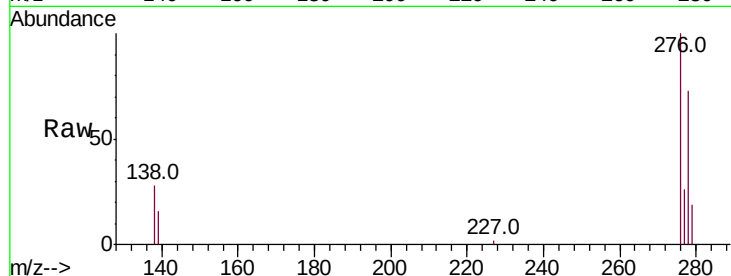




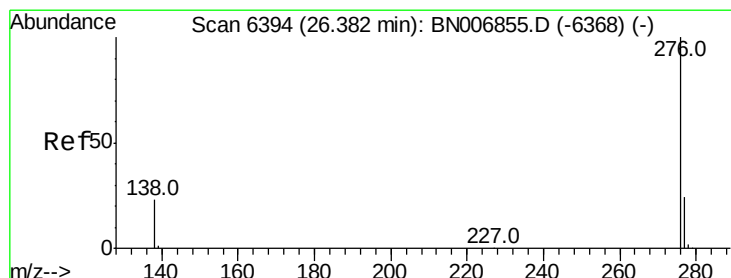
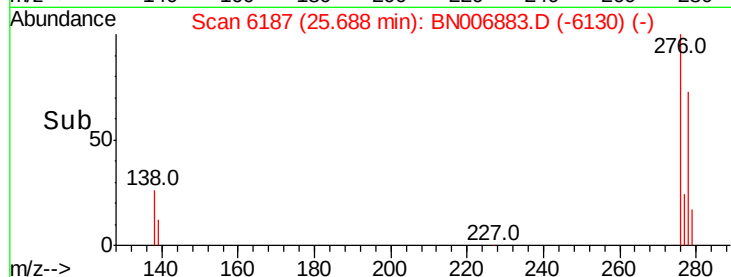
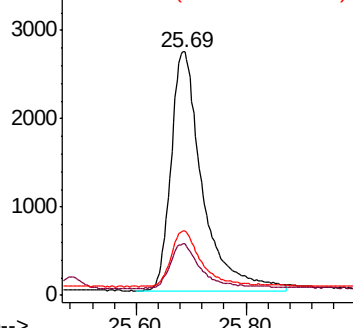
#25
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.01 min
Lab File: BN006883.D
Acq: 17 Jul 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 10790
Ion Ratio Lower Upper
278 100
139 21.4 18.1 27.1
279 26.2 19.8 29.6

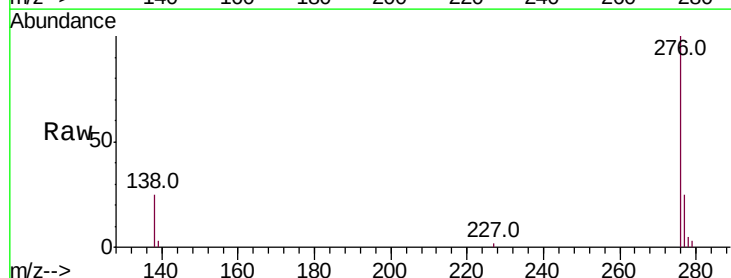


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.457 ng/ul
RT: 26.36 min Scan# 6388
Delta R.T. -0.02 min
Lab File: BN006883.D
Acq: 17 Jul 2019 21:16

Tgt Ion:276 Resp: 12322
Ion Ratio Lower Upper
276 100
138 25.0 22.2 33.2
277 25.3 19.5 29.3



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

