

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007037.D
 Acq On : 08 Aug 2019 22:03
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 09 02:04:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

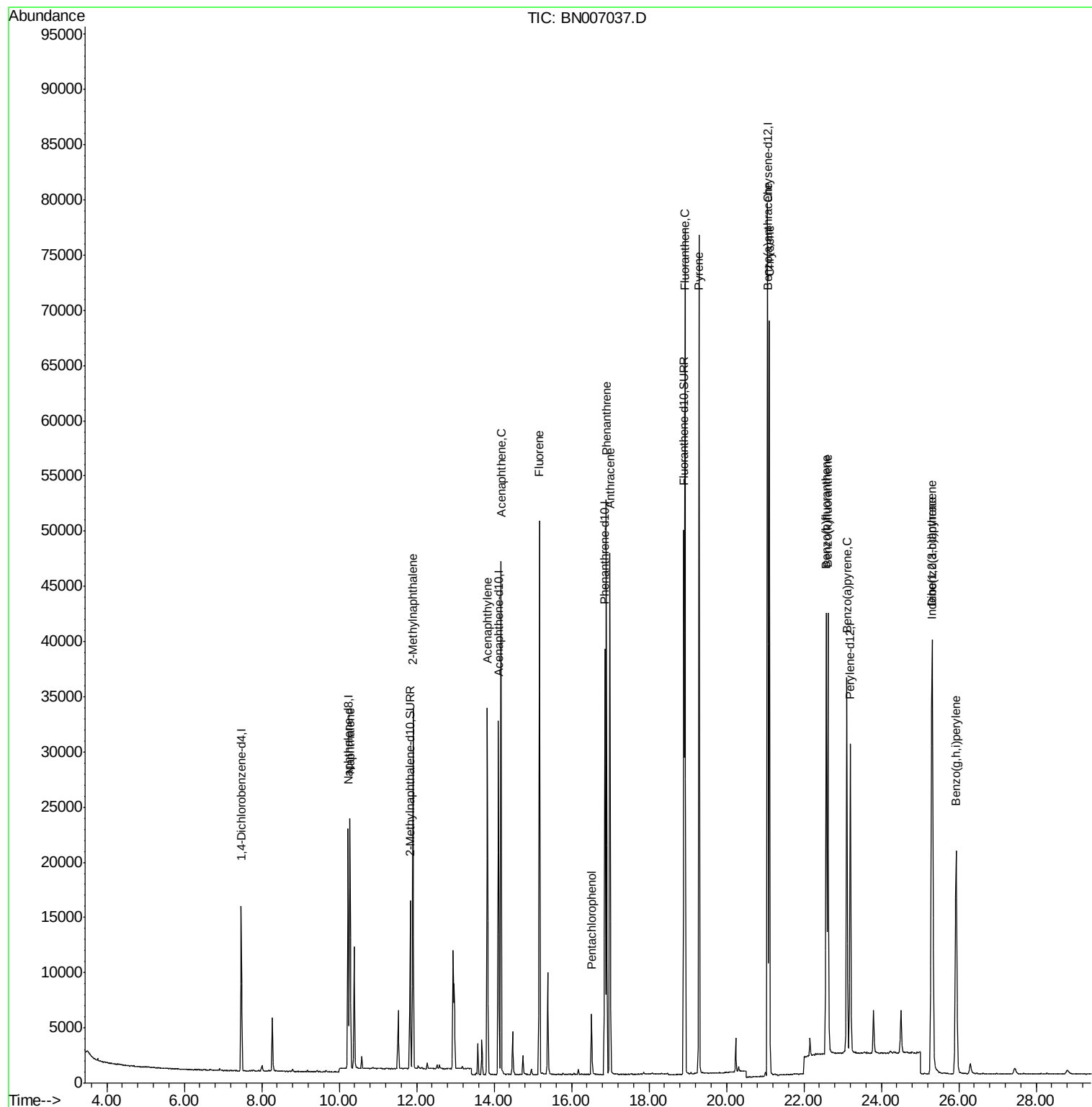
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	7397	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	28643	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	17689	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	44545	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	37048	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	33390	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	19322	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	53090	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.28	128	30857	0.374	ng/ul	98
5) 2-Methylnaphthalene	11.90	142	23070	0.373	ng/ul	100
7) Acenaphthylene	13.82	152	37150	0.362	ng/ul	99
8) Acenaphthene	14.17	153	26189	0.373	ng/ul	98
9) Fluorene	15.17	166	31315	0.368	ng/ul	100
11) Pentachlorophenol	16.52	266	3880	0.316	ng/ul#	81
12) Phenanthrene	16.90	178	53401	0.376	ng/ul	99
13) Anthracene	16.99	178	51812	0.357	ng/ul	99
15) Fluoranthene	18.93	202	64731	0.367	ng/ul	99
17) Pyrene	19.29	202	65450	0.396	ng/ul	98
18) Benzo(a)anthracene	21.06	228	59982	0.369	ng/ul	99
19) Chrysene	21.11	228	56631	0.372	ng/ul	99
21) Benzo(b)fluoranthene	22.58	252	49200	0.363	ng/ul	98
22) Benzo(k)fluoranthene	22.62	252	50012	0.381	ng/ul	98
23) Benzo(a)pyrene	23.11	252	45731	0.359	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.30	276	48638	0.354	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.32	278	40084	0.365	ng/ul	97
26) Benzo(g,h,i)perylene	25.93	276	40281	0.350	ng/ul	97

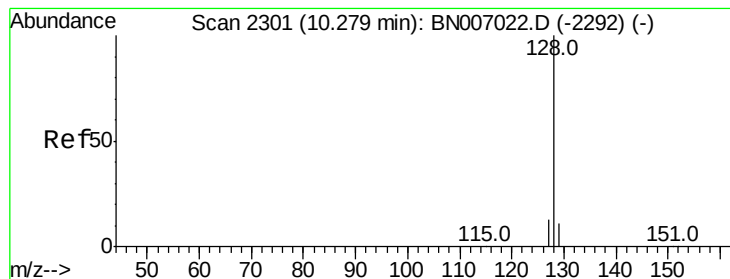
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.374 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

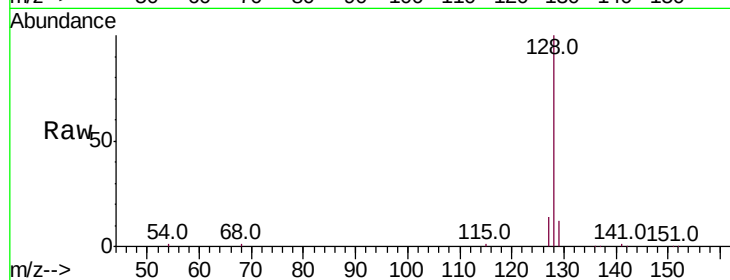
Instrument :

BNA_N

ClientSampled :

Tot Ion:128 Resp: 30857

Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.0	15.0
127	13.6	11.7	17.5

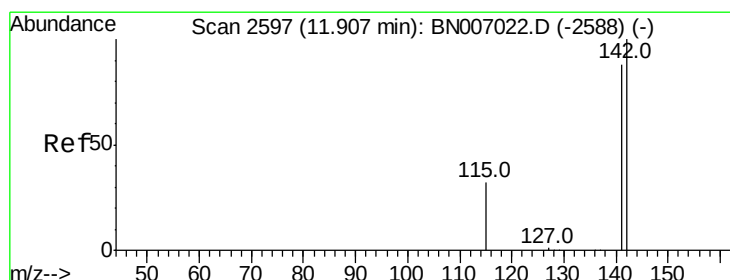
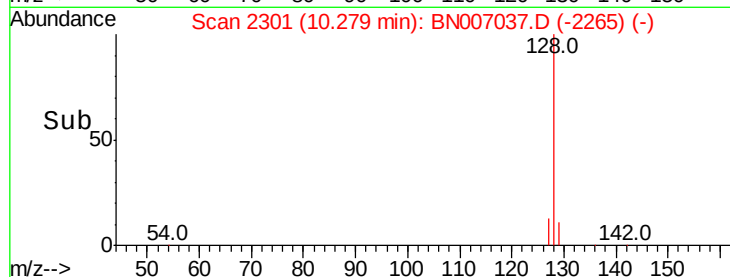
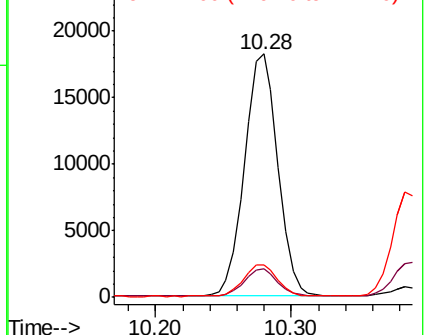


Abundance

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: 0.373 ng/ul

RT: 11.90 min Scan# 2596

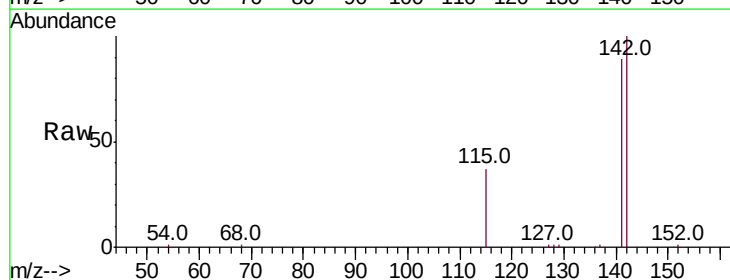
Delta R.T. -0.01 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

Tgt Ion:142 Resp: 23070

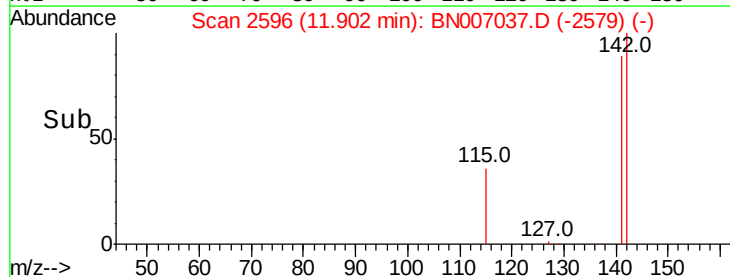
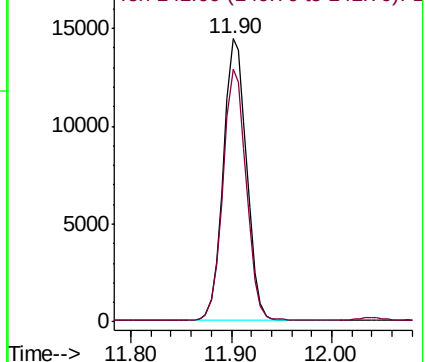
Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6

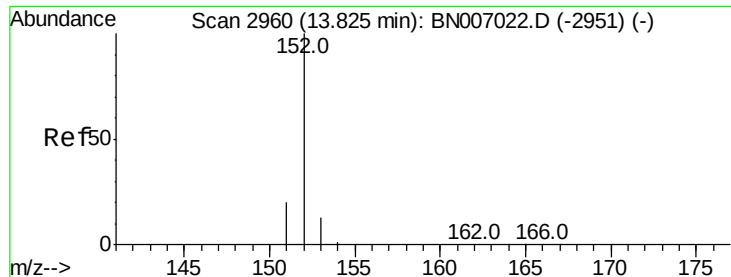


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.362 ng/ul

RT: 13.82 min Scan# 2960

Delta R.T. -0.00 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

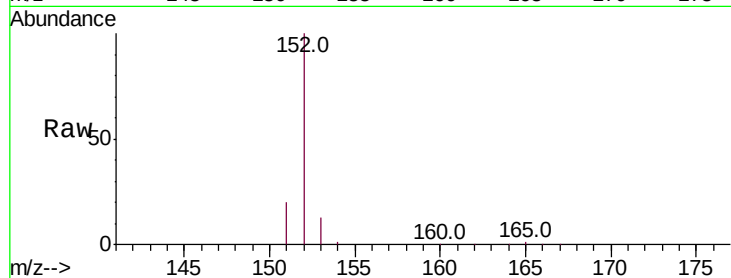
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 37150

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.4	11.0	16.4

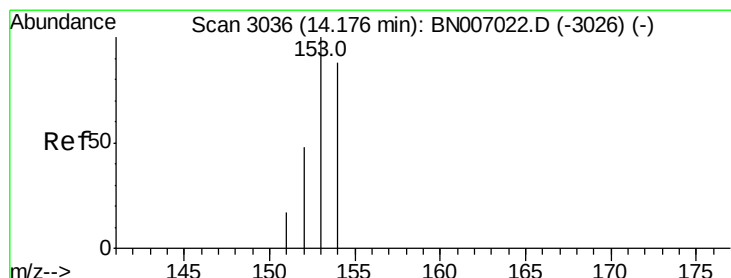
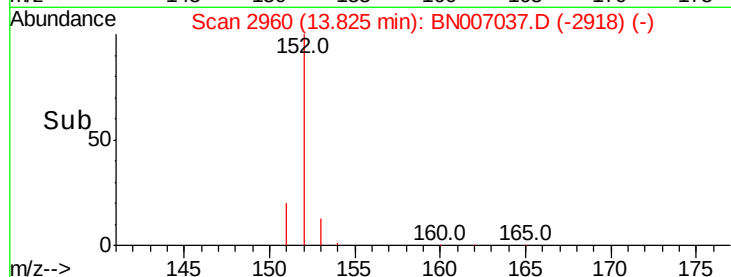
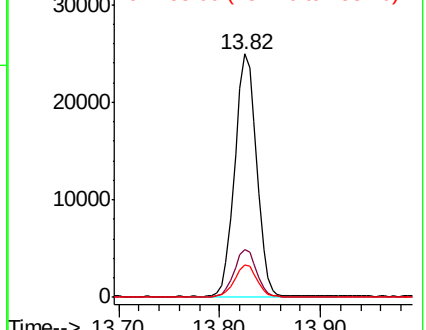


Abundance

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: 0.373 ng/ul

RT: 14.17 min Scan# 3035

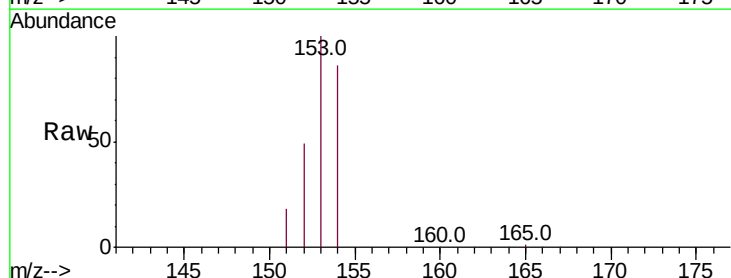
Delta R.T. -0.00 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

Tgt Ion:153 Resp: 26189

Ion	Ratio	Lower	Upper
153	100		
152	48.8	39.4	59.2
154	85.6	70.1	105.1

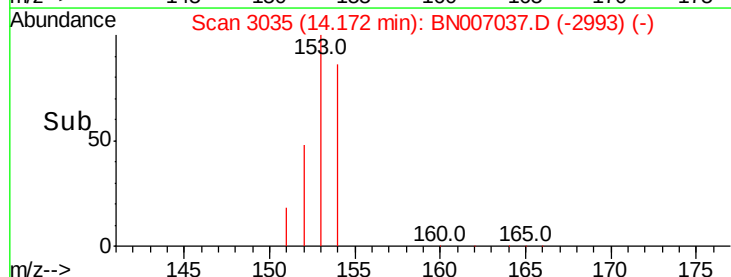
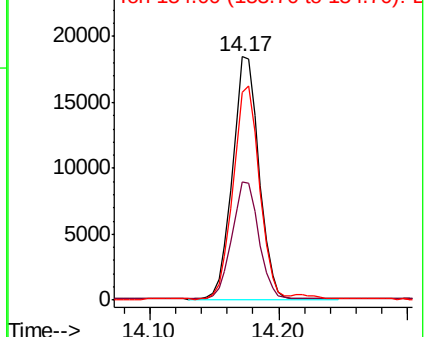


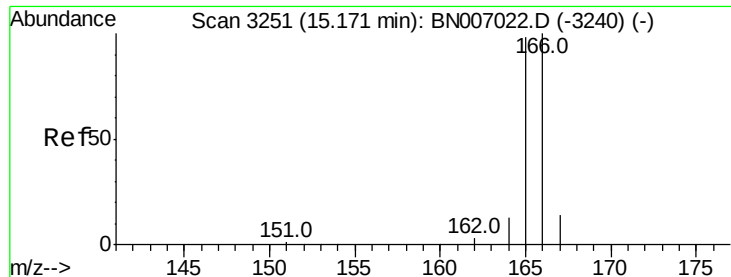
Abundance

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: 0.368 ng/ul

RT: 15.17 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

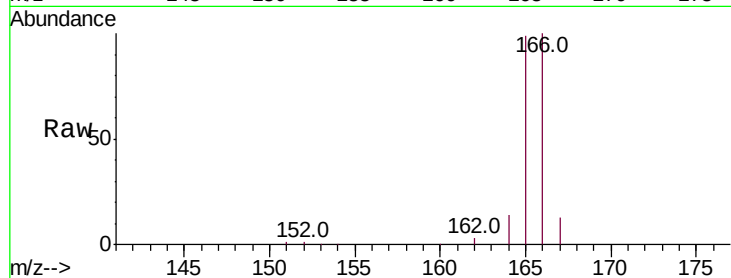
Instrument :

BNA_N

ClientSampleId :

Tot Ion:166 Resp: 31315

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	13.5	11.3	16.9

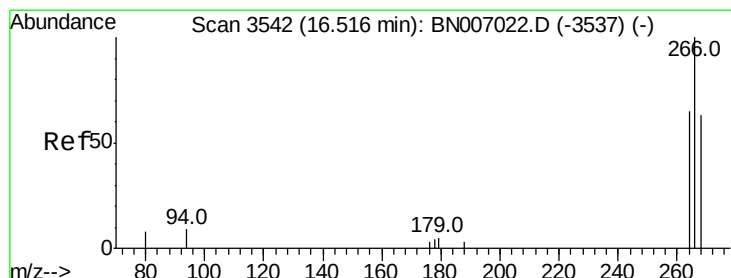
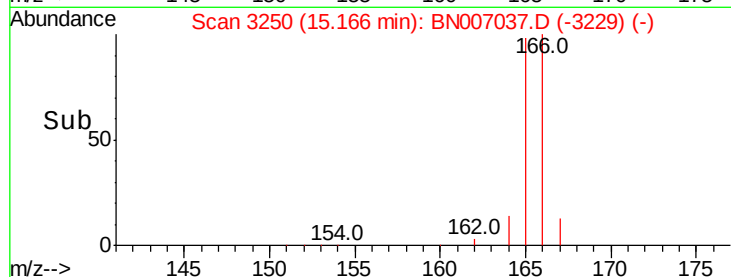


Abundance

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: 0.316 ng/ul

RT: 16.52 min Scan# 3542

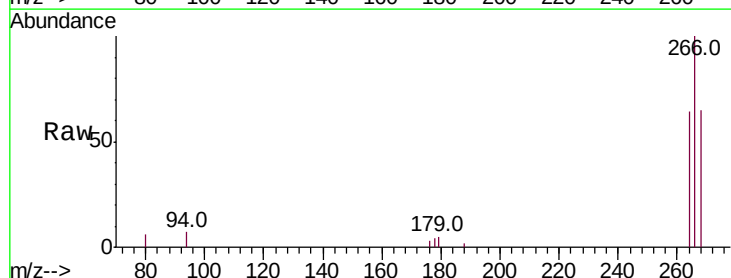
Delta R.T. 0.00 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

Tgt Ion:266 Resp: 3880

Ion	Ratio	Lower	Upper
266	100		
264	64.7	55.7	83.5
268	67.2	75.2	112.8

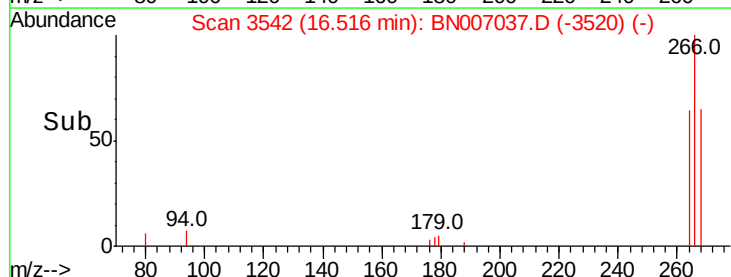


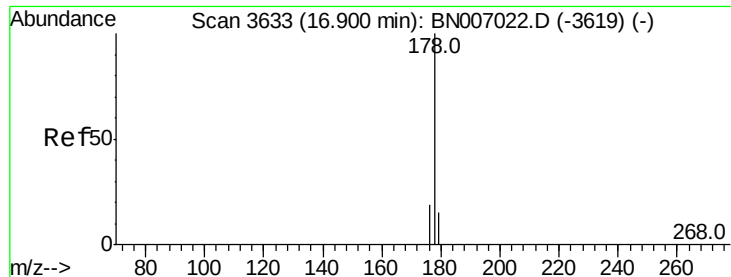
Abundance

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: 0.376 ng/ul

RT: 16.90 min Scan# 3633

Delta R.T. -0.00 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

Instrument :

BNA_N

ClientSampleId :

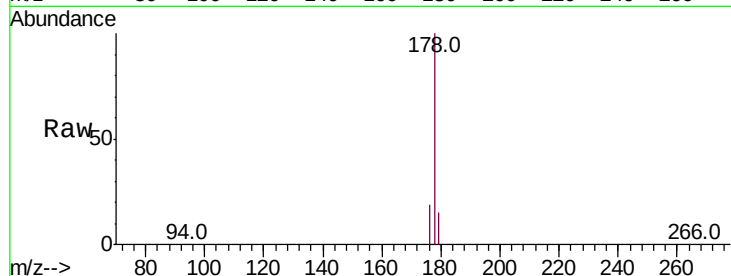
Tot Ion:178 Resp: 53401

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

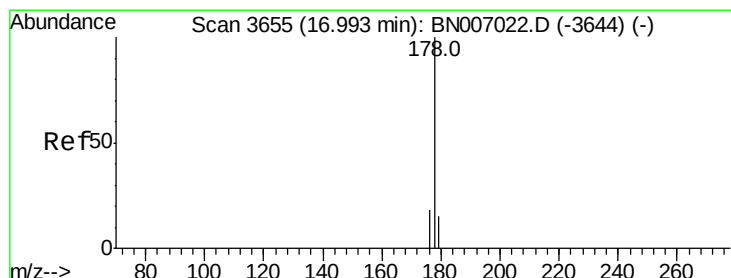
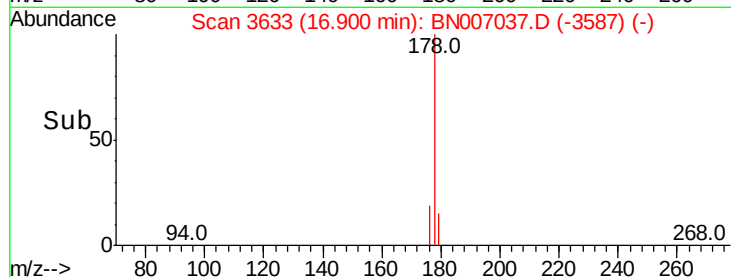
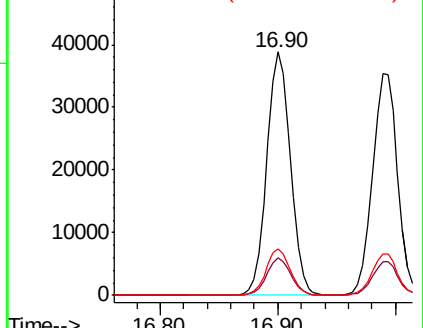
176 19.1 15.6 23.4



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: 0.357 ng/ul

RT: 16.99 min Scan# 3654

Delta R.T. -0.00 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

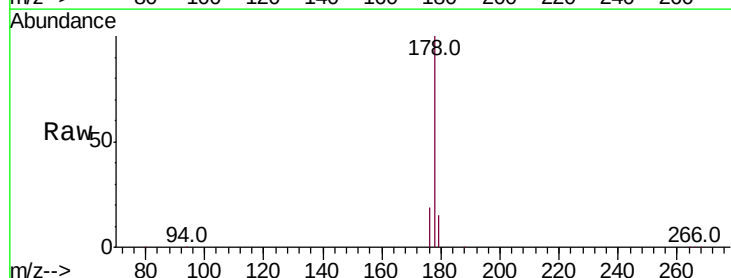
Tgt Ion:178 Resp: 51812

Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

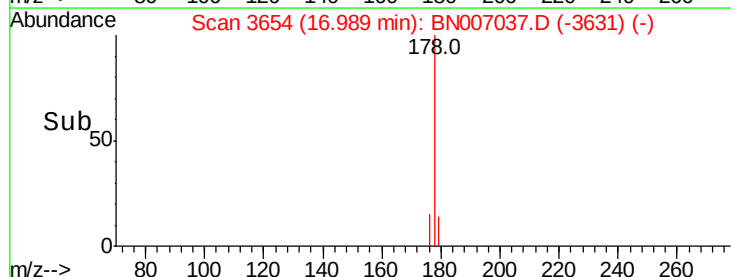
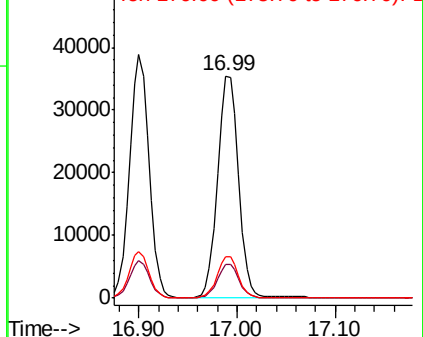
176 18.7 15.4 23.0

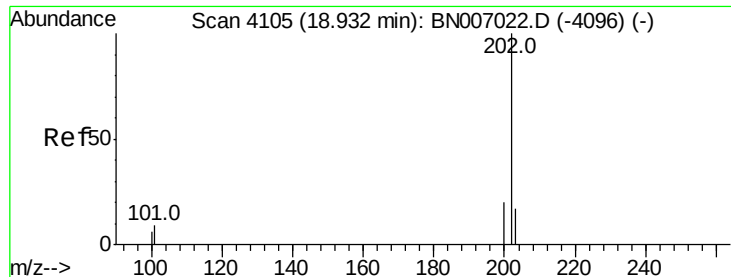


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.367 ng/ul

RT: 18.93 min Scan# 4104

Delta R.T. -0.00 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

Instrument :

BNA_N

ClientSampleId :

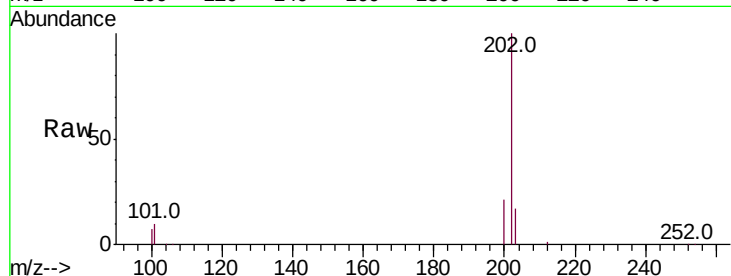
Tot Ion:202 Resp: 64731

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

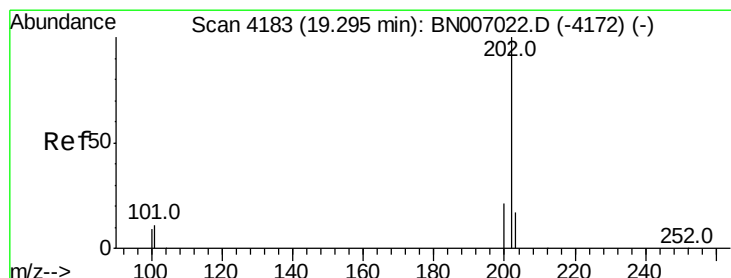
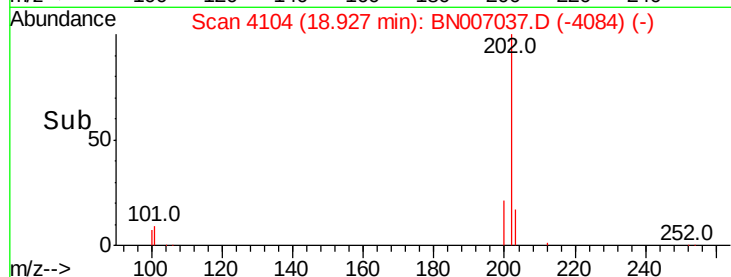
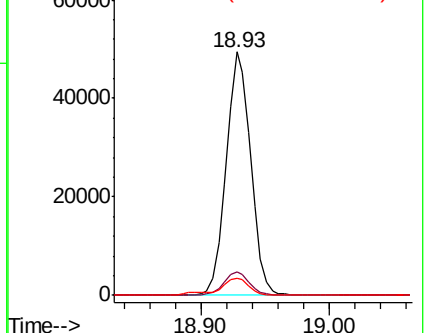
100 7.1 0.0 27.7



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



#17

Pyrene

Concen: 0.396 ng/ul

RT: 19.29 min Scan# 4183

Delta R.T. -0.00 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

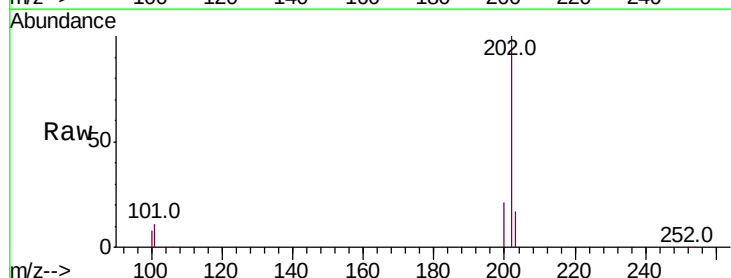
Tgt Ion:202 Resp: 65450

Ion Ratio Lower Upper

202 100

101 10.5 9.3 13.9

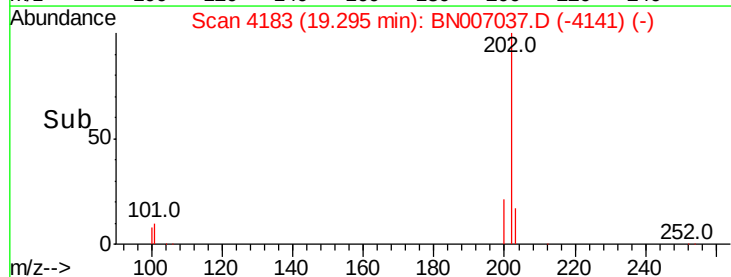
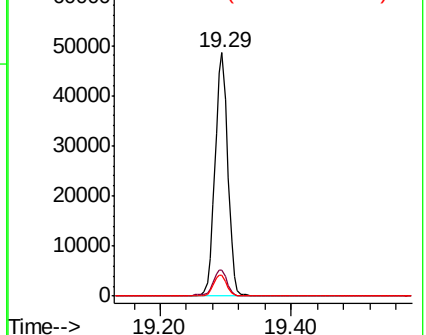
100 8.4 7.3 10.9

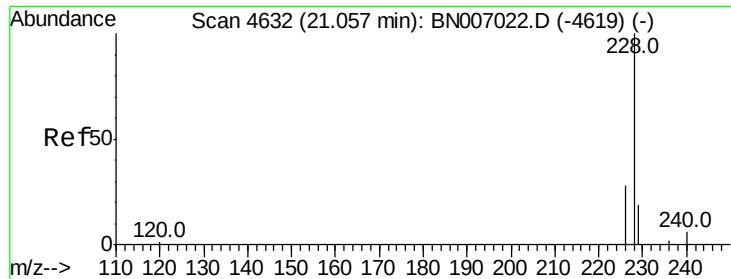


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

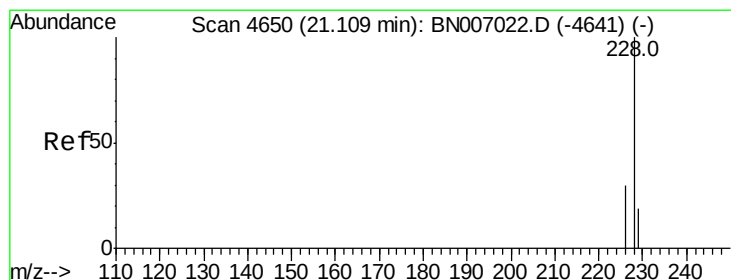
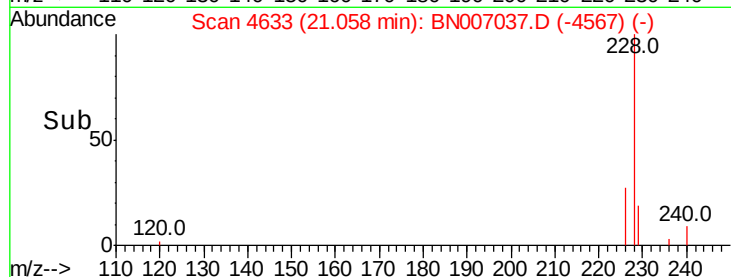
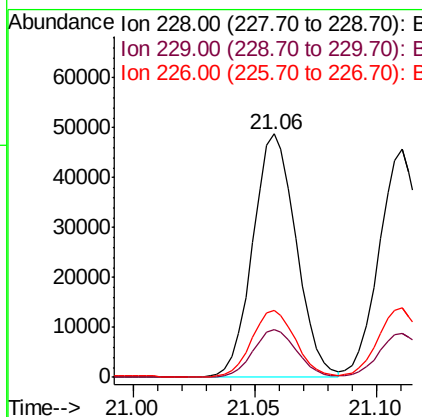
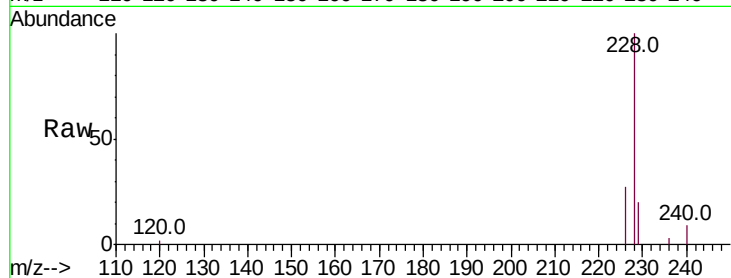




#18
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.06 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BN007037.D
Acq: 08 Aug 2019 22:03

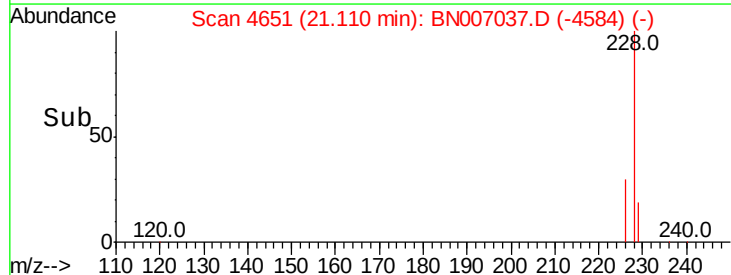
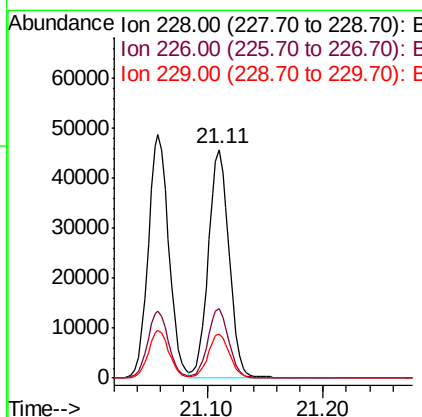
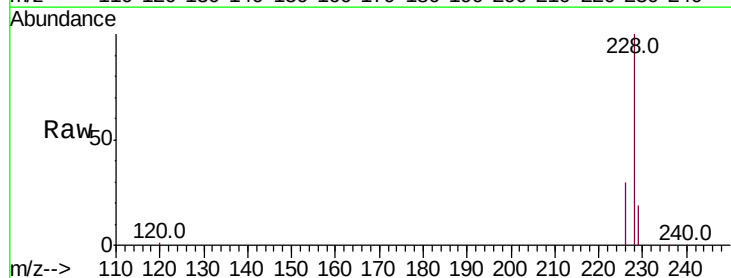
Instrument :
BNA_N
ClientSampleId :

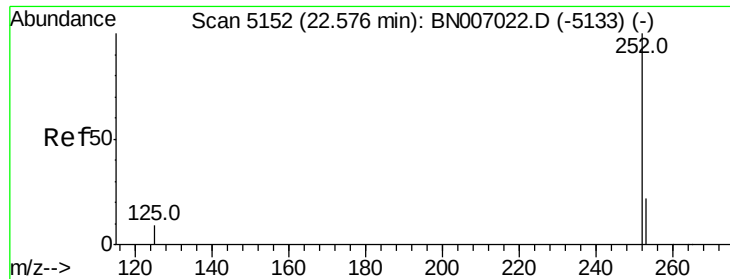
Tot Ion:228 Resp: 59982
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 27.4 22.2 33.4



#19
Chrysene
Concen: 0.372 ng/ul
RT: 21.11 min Scan# 4651
Delta R.T. -0.00 min
Lab File: BN007037.D
Acq: 08 Aug 2019 22:03

Tgt Ion:228 Resp: 56631
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 19.3 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 0.363 ng/ul

RT: 22.58 min Scan# 5153

Delta R.T. -0.00 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

Instrument :

BNA_N

ClientSampleId :

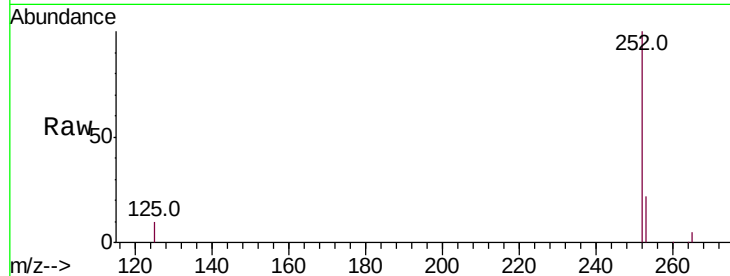
Tot Ion:252 Resp: 49200

Ion Ratio Lower Upper

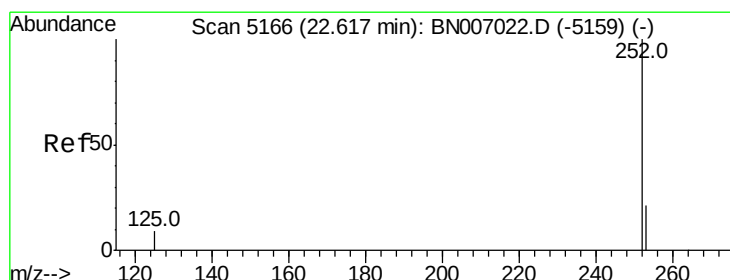
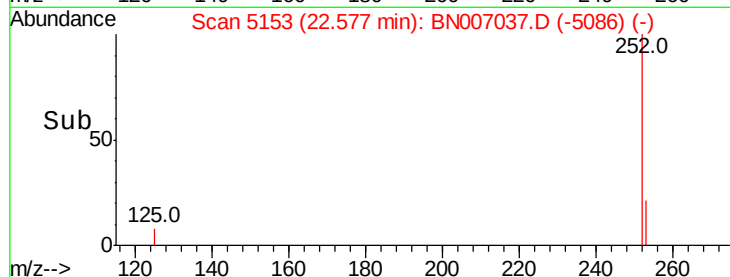
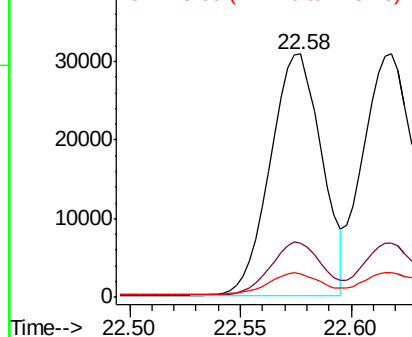
252 100

253 22.3 0.0 45.2

125 9.7 0.0 22.2



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: 0.381 ng/ul

RT: 22.62 min Scan# 5167

Delta R.T. -0.01 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

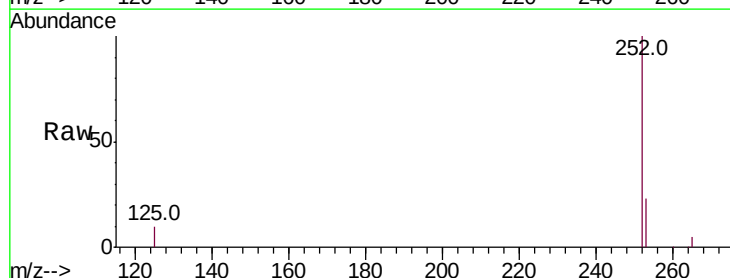
Tgt Ion:252 Resp: 50012

Ion Ratio Lower Upper

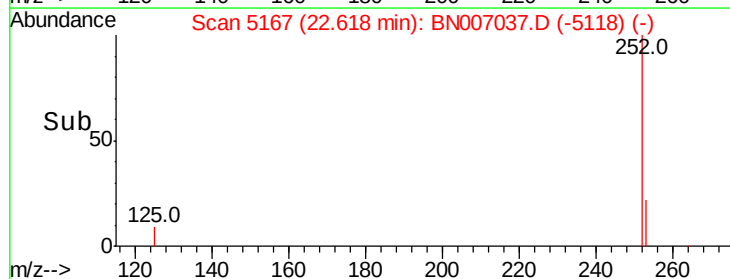
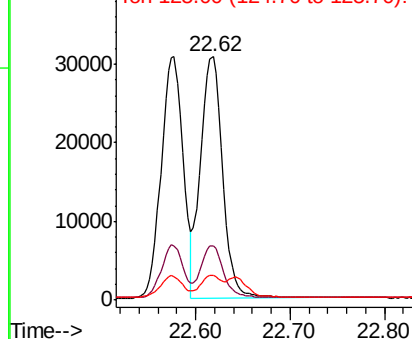
252 100

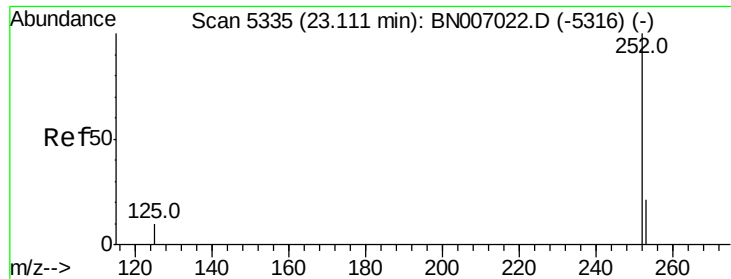
253 22.5 18.6 28.0

125 10.1 8.7 13.1



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: 0.359 ng/ul

RT: 23.11 min Scan# 5335

Delta R.T. -0.01 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

Instrument :

BNA_N

ClientSampleId :

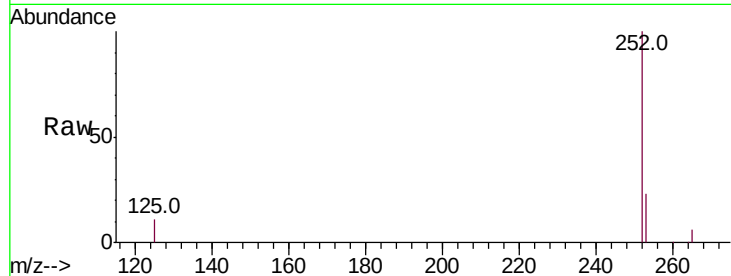
Tot Ion:252 Resp: 45731

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

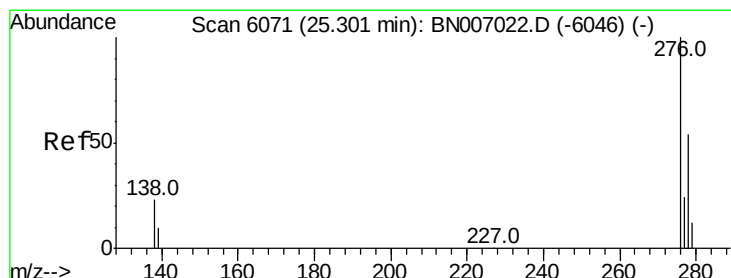
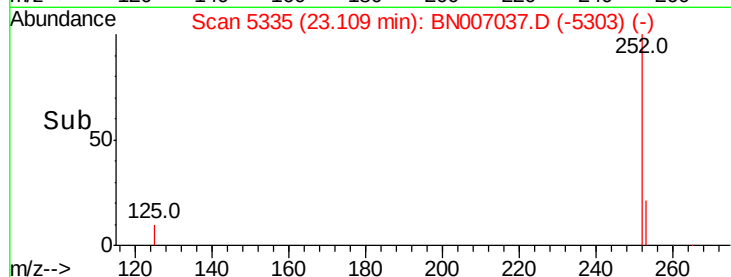
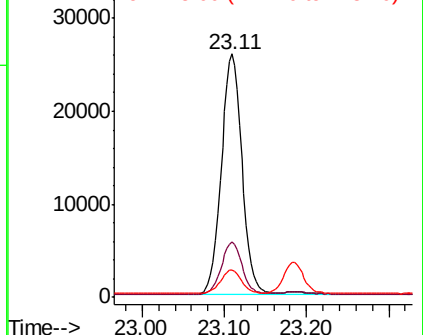
125 11.3 10.0 15.0



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: 0.354 ng/ul

RT: 25.30 min Scan# 6070

Delta R.T. -0.01 min

Lab File: BN007037.D

Acq: 08 Aug 2019 22:03

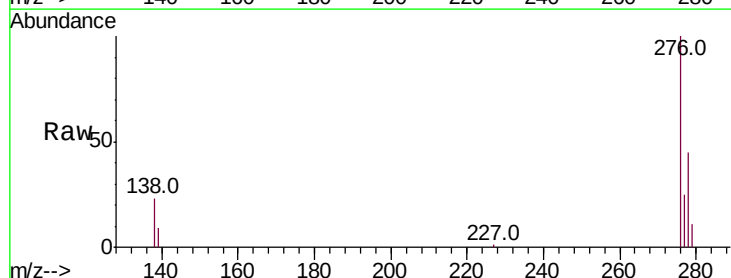
Tgt Ion:276 Resp: 48638

Ion Ratio Lower Upper

276 100

138 0.0 19.9 29.9#

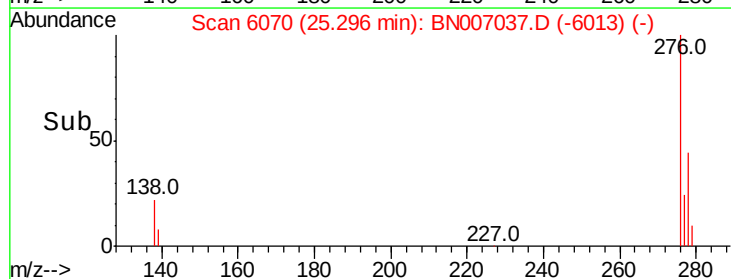
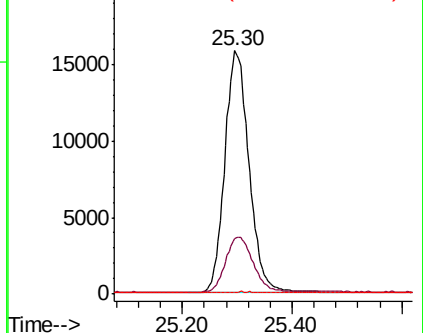
227 0.1 0.2 0.4#

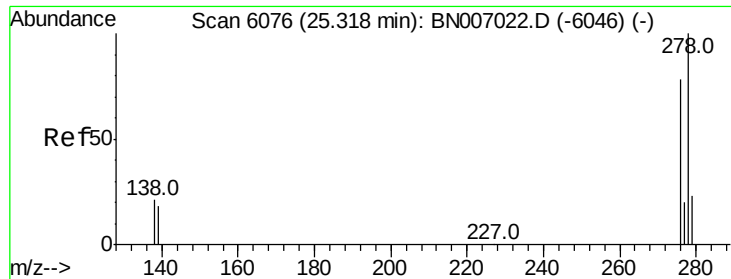


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



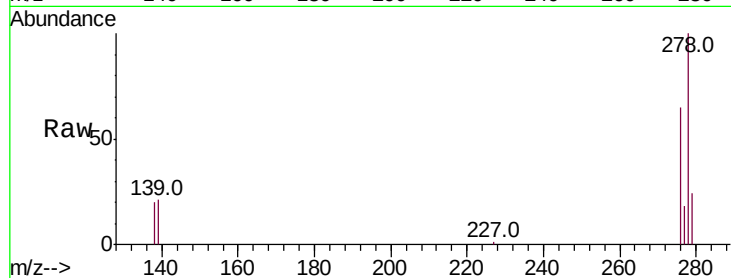


#25
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.32 min Scan# 6077
Delta R.T. -0.01 min
Lab File: BN007037.D
Acq: 08 Aug 2019 22:03

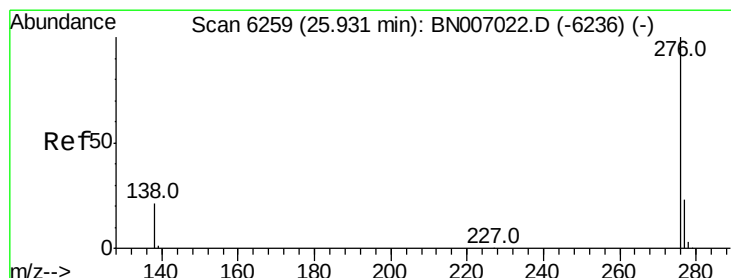
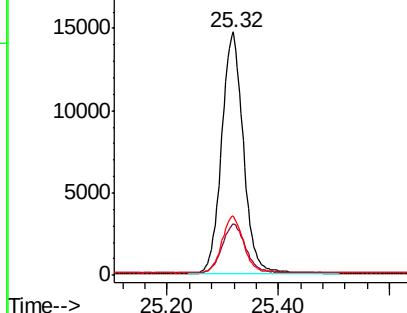
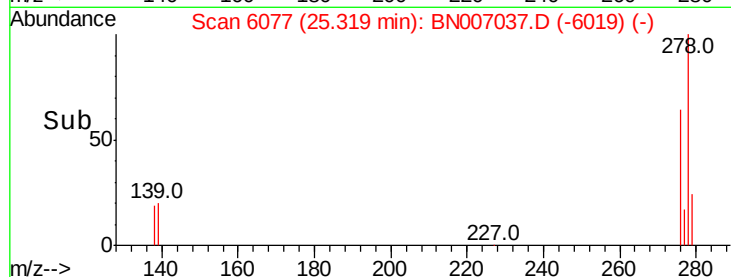
Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 40084

Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.3	21.5
279	24.5	19.6	29.4



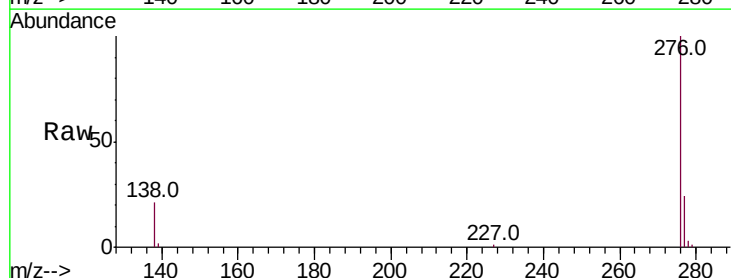
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul
RT: 25.93 min Scan# 6258
Delta R.T. -0.01 min
Lab File: BN007037.D
Acq: 08 Aug 2019 22:03

Tgt Ion:276 Resp: 40281

Ion	Ratio	Lower	Upper
276	100		
138	20.7	18.7	28.1
277	24.3	19.3	28.9



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

