

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007001.D
 Acq On : 07 Aug 2019 23:21
 Operator : HP/JU
 Sample : K3962-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 04:52:51 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

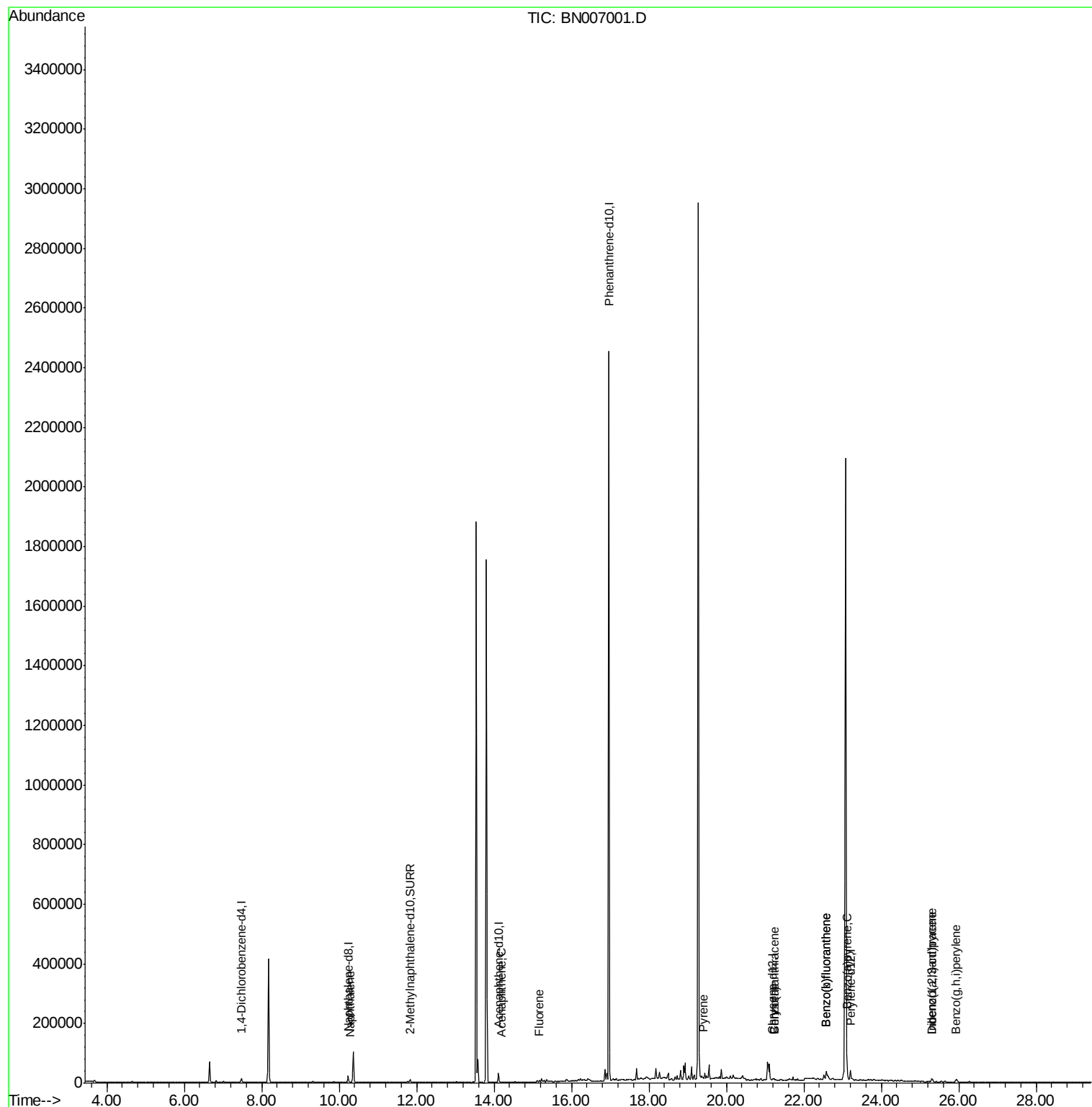
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6815	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	28340	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	18301	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	2961452	0.40	ng/ul	0.10
16) Chrysene-d12	21.20	240	81	0.40	ng/ul	0.12
20) Perylene-d12	23.20	264	39400	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	15220	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	608	0.00	ng/ul	0.11
Target Compounds					Ovalue	
3) Naphthalene	10.28	128	3562	0.044	ng/ul#	89
8) Acenaphthene	14.18	153	1507	0.021	ng/ul	92
9) Fluorene	15.17	166	2780	0.032	ng/ul#	83
17) Pyrene	19.40	202	3439	9.510	ng/ul#	52
18) Benzo(a)anthracene	21.23	228	4845	13.617	ng/ul#	1
19) Chrysene	21.23	228	4845	14.541	ng/ul#	1
21) Benzo(b)fluoranthene	22.58	252	55215	0.346	ng/ul#	61
22) Benzo(k)fluoranthene	22.58	252	55215	0.357	ng/ul#	63
23) Benzo(a)pyrene	23.12	252	37807	0.251	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.30	276	15400	0.095	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.32	278	5717	0.044	ng/ul#	1
26) Benzo(g,h,i)perylene	25.94	276	21300	0.157	ng/ul#	91

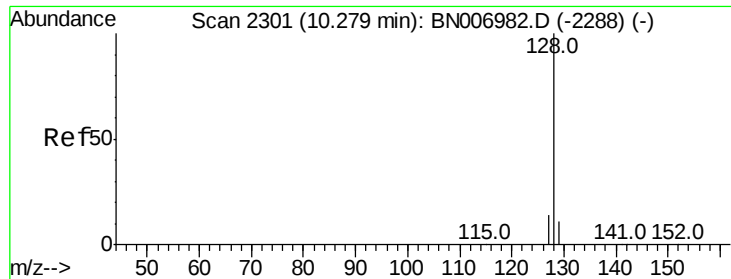
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.044 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN007001.D

Acq: 07 Aug 2019 23:21

Instrument :

BNA_N

ClientSampleId :

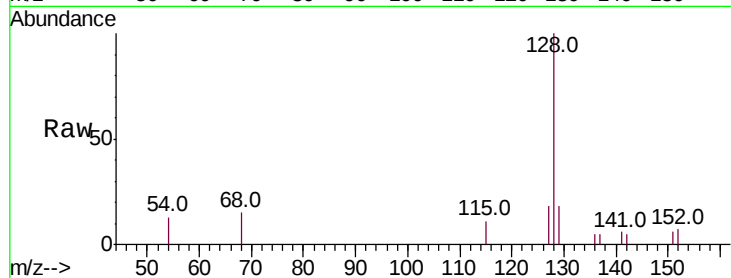
Tot Ion:128 Resp: 3562

Ion Ratio Lower Upper

128 100

129 17.9 10.0 15.0#

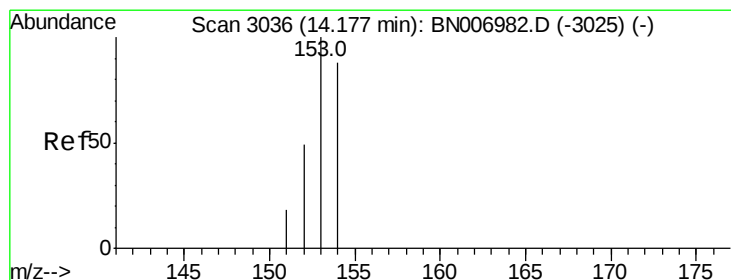
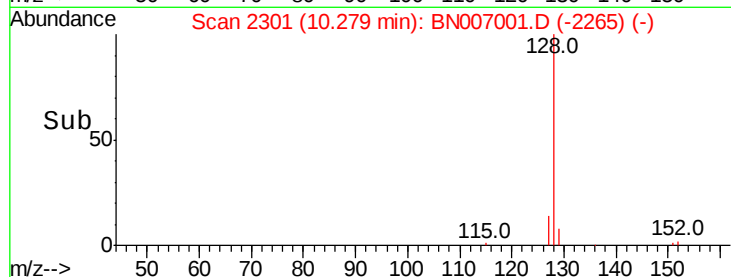
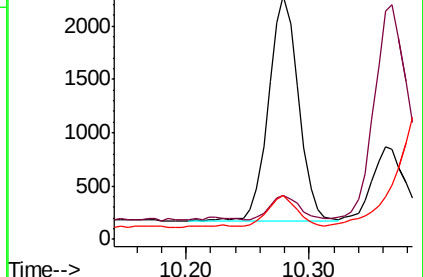
127 18.0 11.7 17.5#



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



#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.18 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BN007001.D

Acq: 07 Aug 2019 23:21

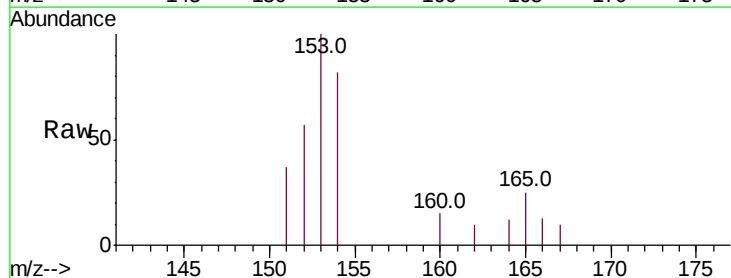
Tgt Ion:153 Resp: 1507

Ion Ratio Lower Upper

153 100

152 56.9 39.4 59.2

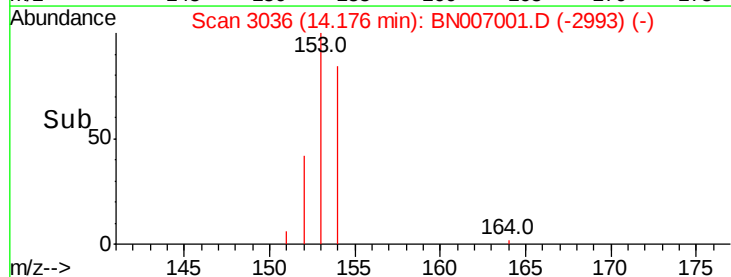
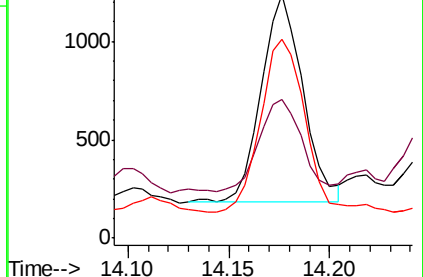
154 81.8 70.1 105.1

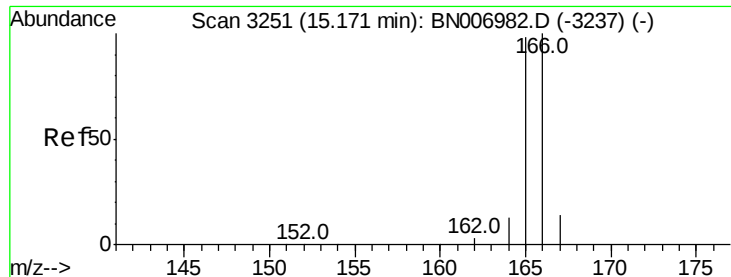


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

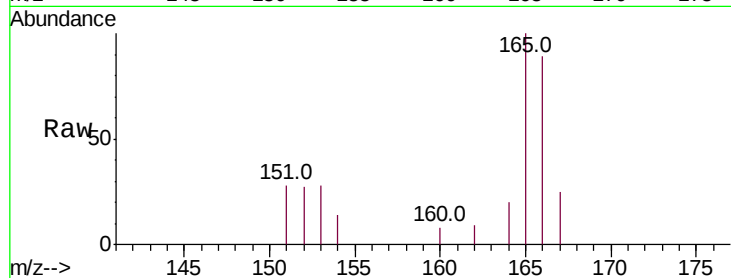




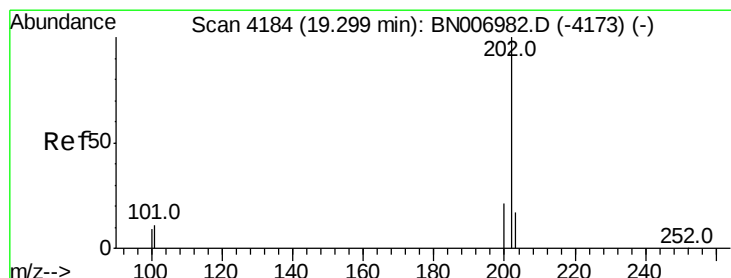
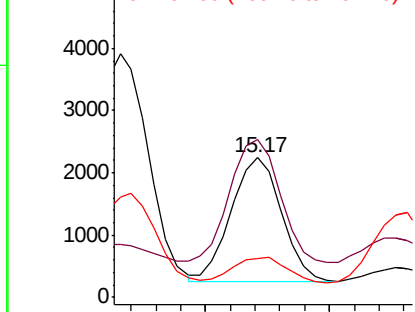
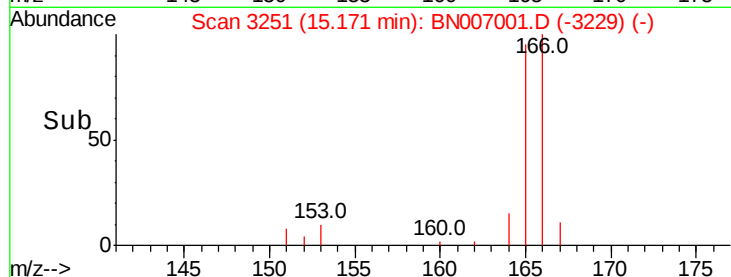
#9
Fluorene
 Concen: 0.032 ng/ul
 RT: 15.17 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BN007001.D
 Acq: 07 Aug 2019 23:21

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 2780
 Ion Ratio Lower Upper
 166 100
 165 112.8 78.8 118.2
 167 28.2 11.3 16.9#

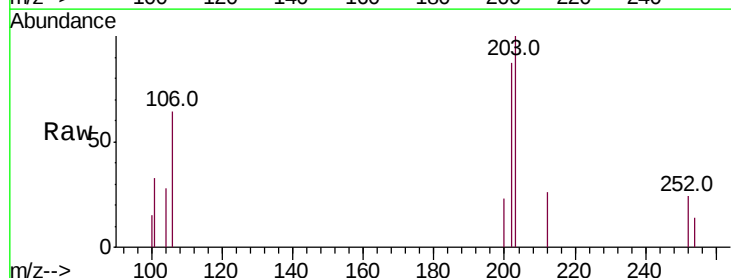


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

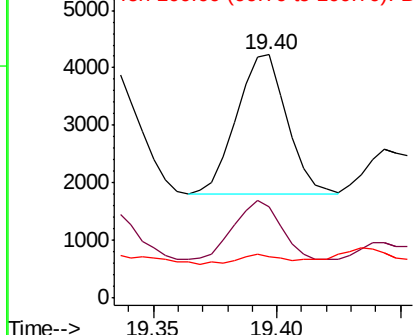
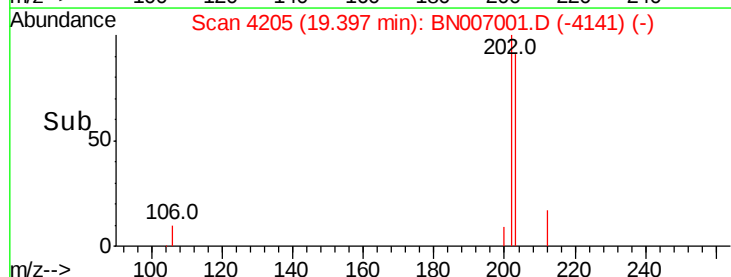


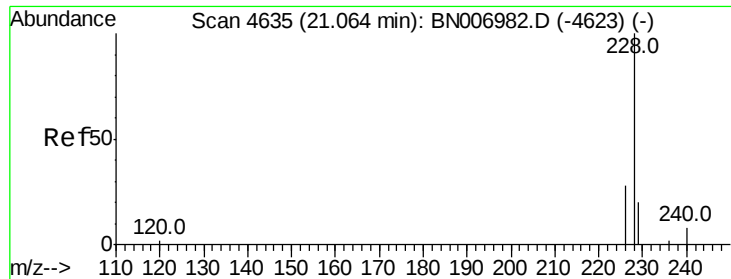
#17
Pyrene
 Concen: 9.510 ng/ul
 RT: 19.40 min Scan# 4205
 Delta R.T. 0.10 min
 Lab File: BN007001.D
 Acq: 07 Aug 2019 23:21

Tgt Ion:202 Resp: 3439
 Ion Ratio Lower Upper
 202 100
 101 37.6 9.3 13.9#
 100 17.2 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

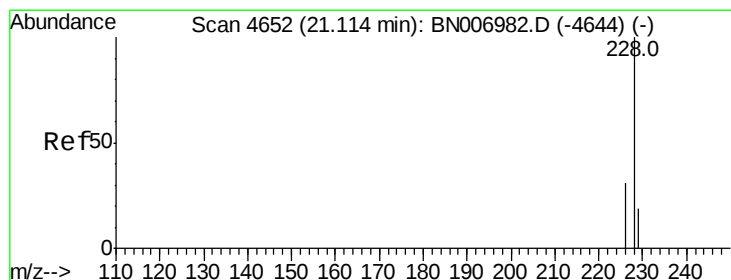
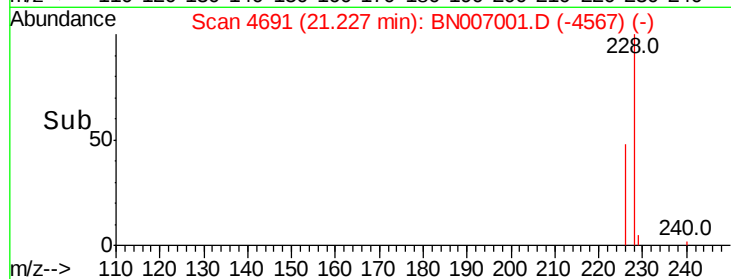
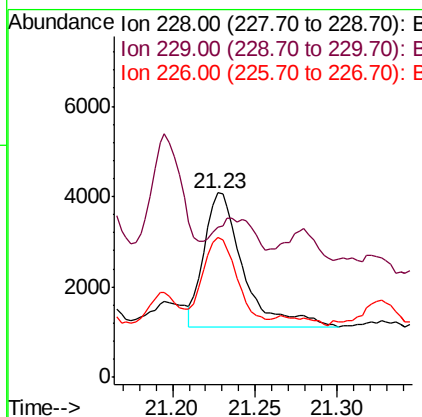
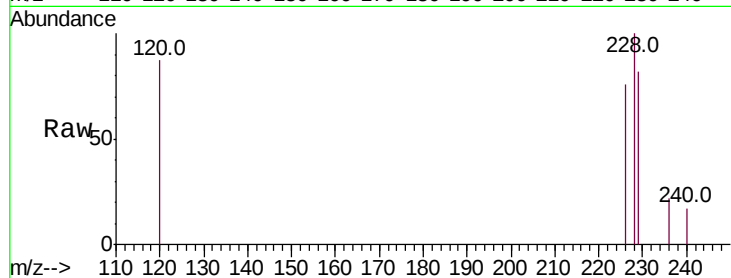




#18
Benzo(a)anthracene
Concen: 13.617 ng/ul
RT: 21.23 min Scan# 4691
Delta R.T. 0.16 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

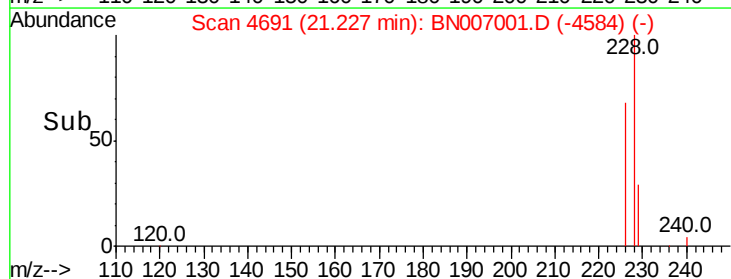
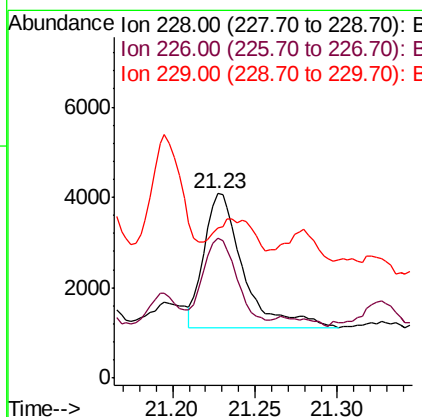
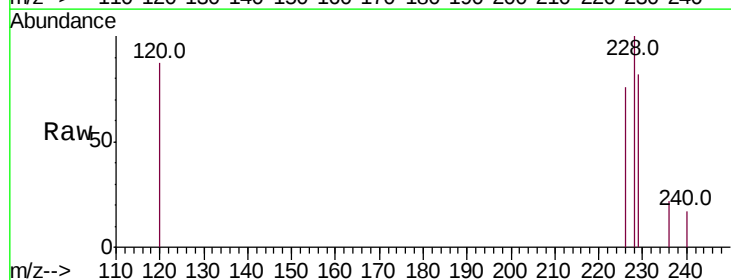
Instrument :
BNA_N
ClientSampleId :

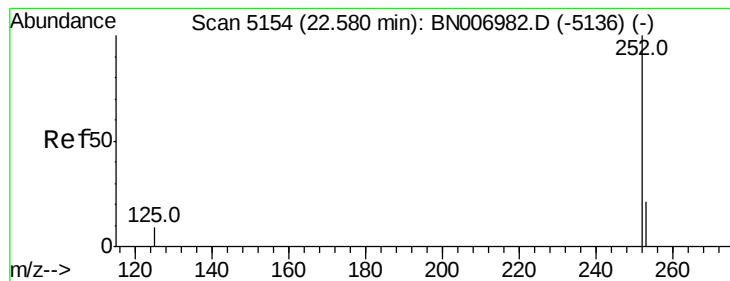
Tot Ion:228 Resp: 4845
Ion Ratio Lower Upper
228 100
229 81.8 15.9 23.9#
226 76.0 22.2 33.4#



#19
Chrysene
Concen: 14.541 ng/ul
RT: 21.23 min Scan# 4691
Delta R.T. 0.11 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:228 Resp: 4845
Ion Ratio Lower Upper
228 100
226 76.0 24.7 37.1#
229 81.8 15.5 23.3#





#21

Benzo(b)fluoranthene

Concen: 0.346 ng/u1

RT: 22.58 min Scan# 5153

Delta R.T. -0.00 min

Lab File: BN007001.D

Acq: 07 Aug 2019 23:21

Instrument :

BNA_N

ClientSampleId :

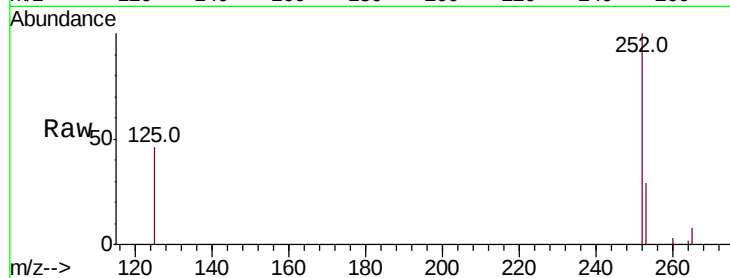
Tot Ion:252 Resp: 55215

Ion Ratio Lower Upper

252 100

253 28.8 0.0 45.2

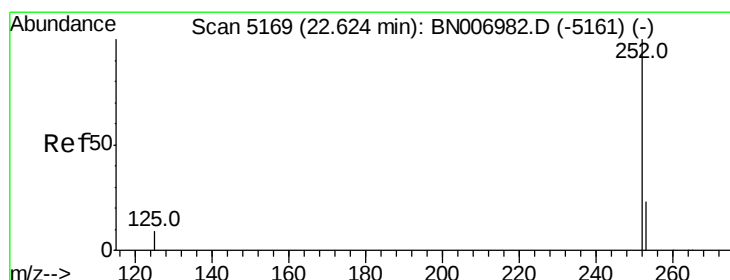
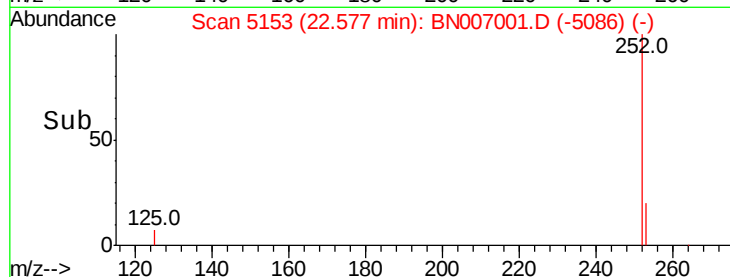
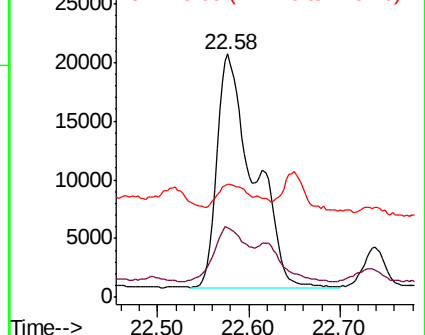
125 46.3 0.0 22.2#



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: 0.357 ng/u1

RT: 22.58 min Scan# 5153

Delta R.T. -0.05 min

Lab File: BN007001.D

Acq: 07 Aug 2019 23:21

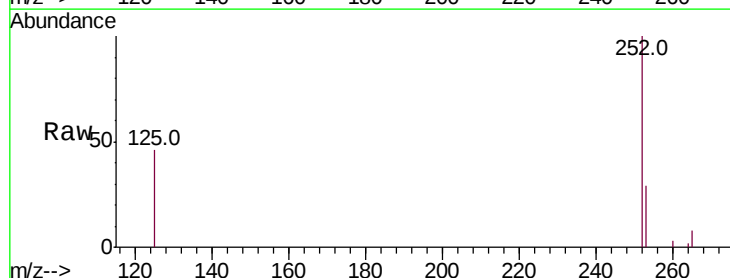
Tgt Ion:252 Resp: 55215

Ion Ratio Lower Upper

252 100

253 28.8 18.6 28.0#

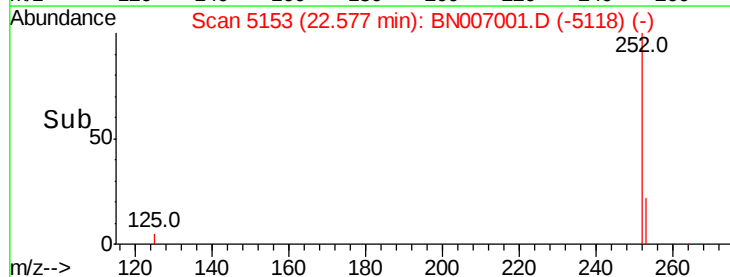
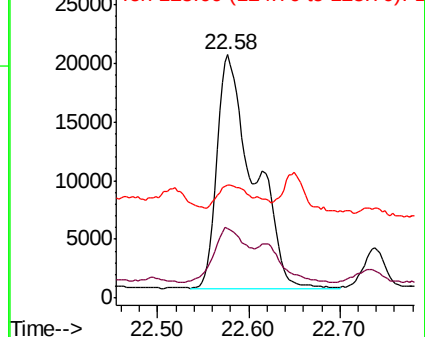
125 46.3 8.7 13.1#

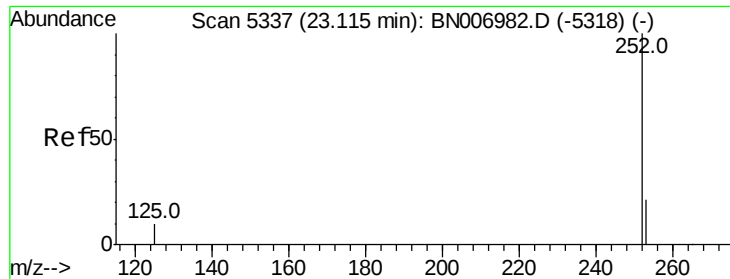


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.251 ng/ul

RT: 23.12 min Scan# 5337

Delta R.T. -0.00 min

Lab File: BN007001.D

Acq: 07 Aug 2019 23:21

Instrument :

BNA_N

ClientSampleId :

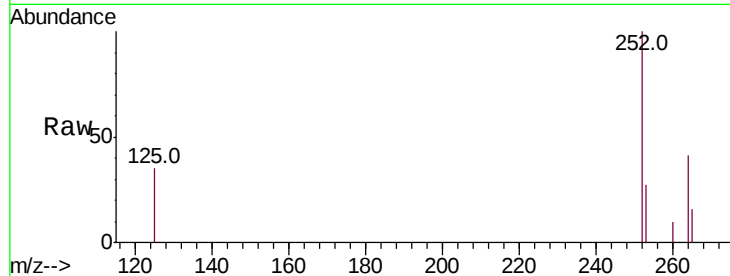
Tot Ion:252 Resp: 37807

Ion Ratio Lower Upper

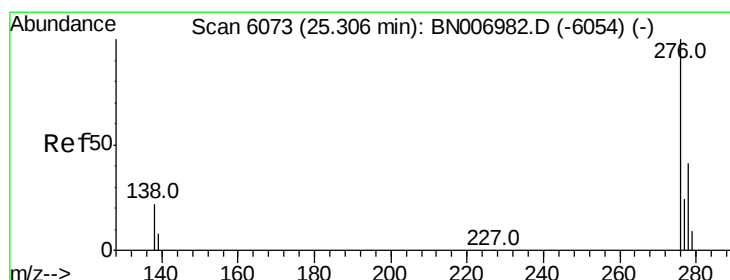
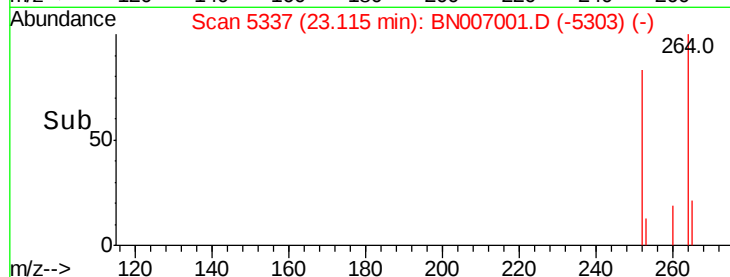
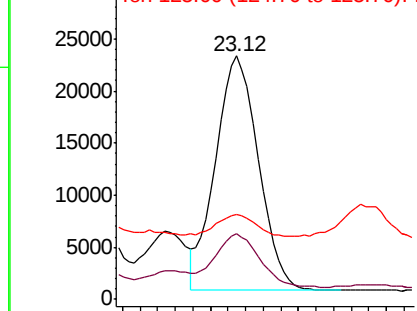
252 100

253 27.0 18.0 27.0#

125 34.7 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: 0.095 ng/ul

RT: 25.30 min Scan# 6070

Delta R.T. -0.01 min

Lab File: BN007001.D

Acq: 07 Aug 2019 23:21

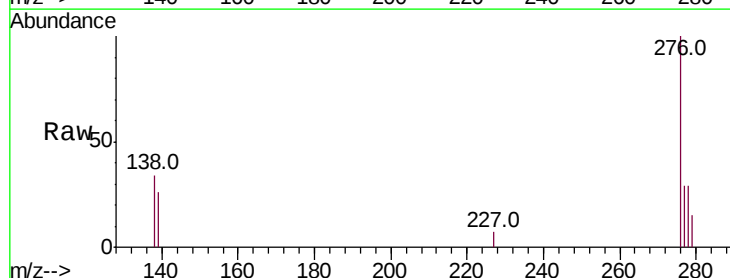
Tgt Ion:276 Resp: 15400

Ion Ratio Lower Upper

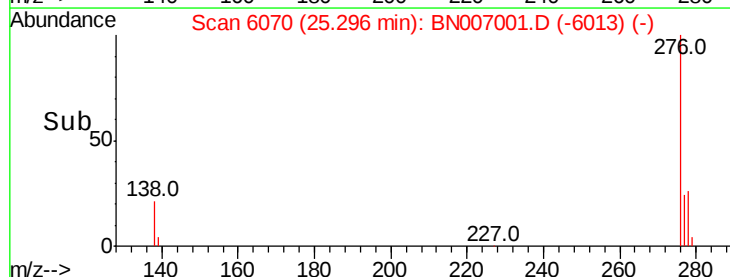
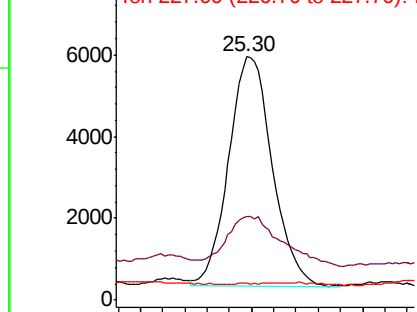
276 100

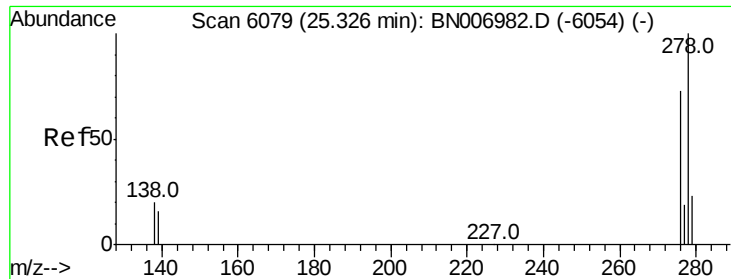
138 26.9 19.9 29.9

227 0.2 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

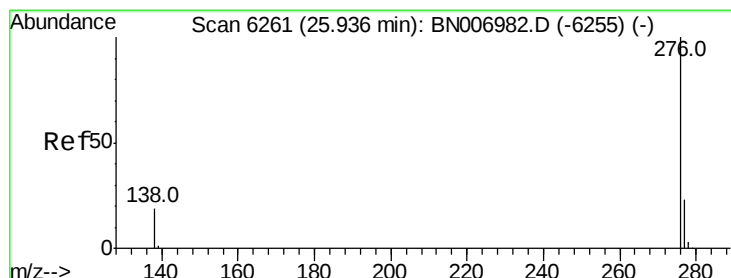
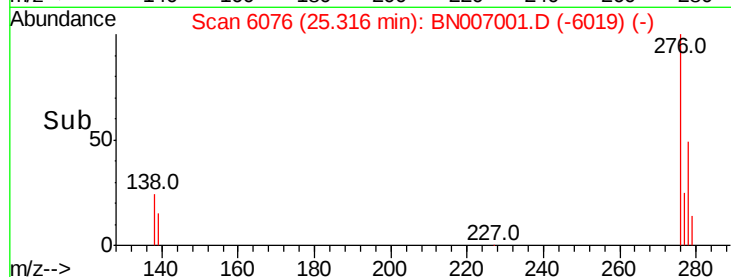
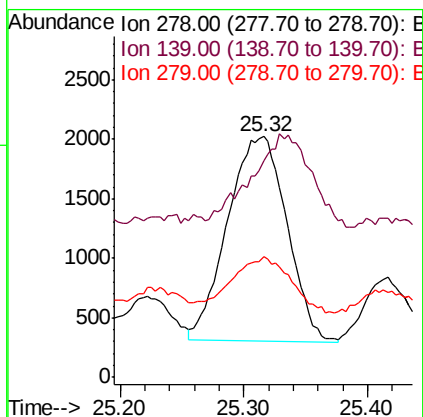
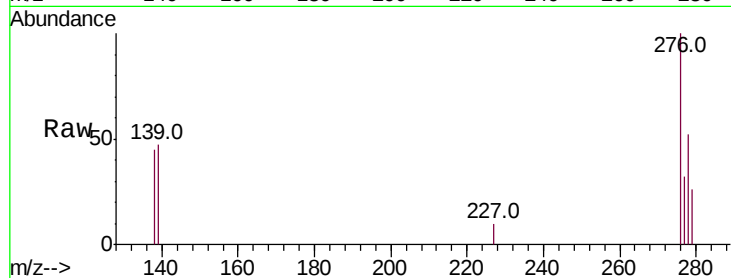




#25
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.32 min Scan# 6076
Delta R.T. -0.01 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Instrument :
BNA_N
ClientSampled :

Tot Ion:278 Resp: 5717
Ion Ratio Lower Upper
278 100
139 90.1 14.3 21.5#
279 50.2 19.6 29.4#



#26
Benzo(g,h,i)perylene
Concen: 0.157 ng/ul
RT: 25.94 min Scan# 6261
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:276 Resp: 21300
Ion Ratio Lower Upper
276 100
138 29.8 18.7 28.1#
277 27.0 19.3 28.9

