

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
 Data File : BN006960.D
 Acq On : 23 Jul 2019 02:21
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 23 04:26:04 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 : Tue Jul 23 04:22:37 2019
 Response via : Initial Calibration

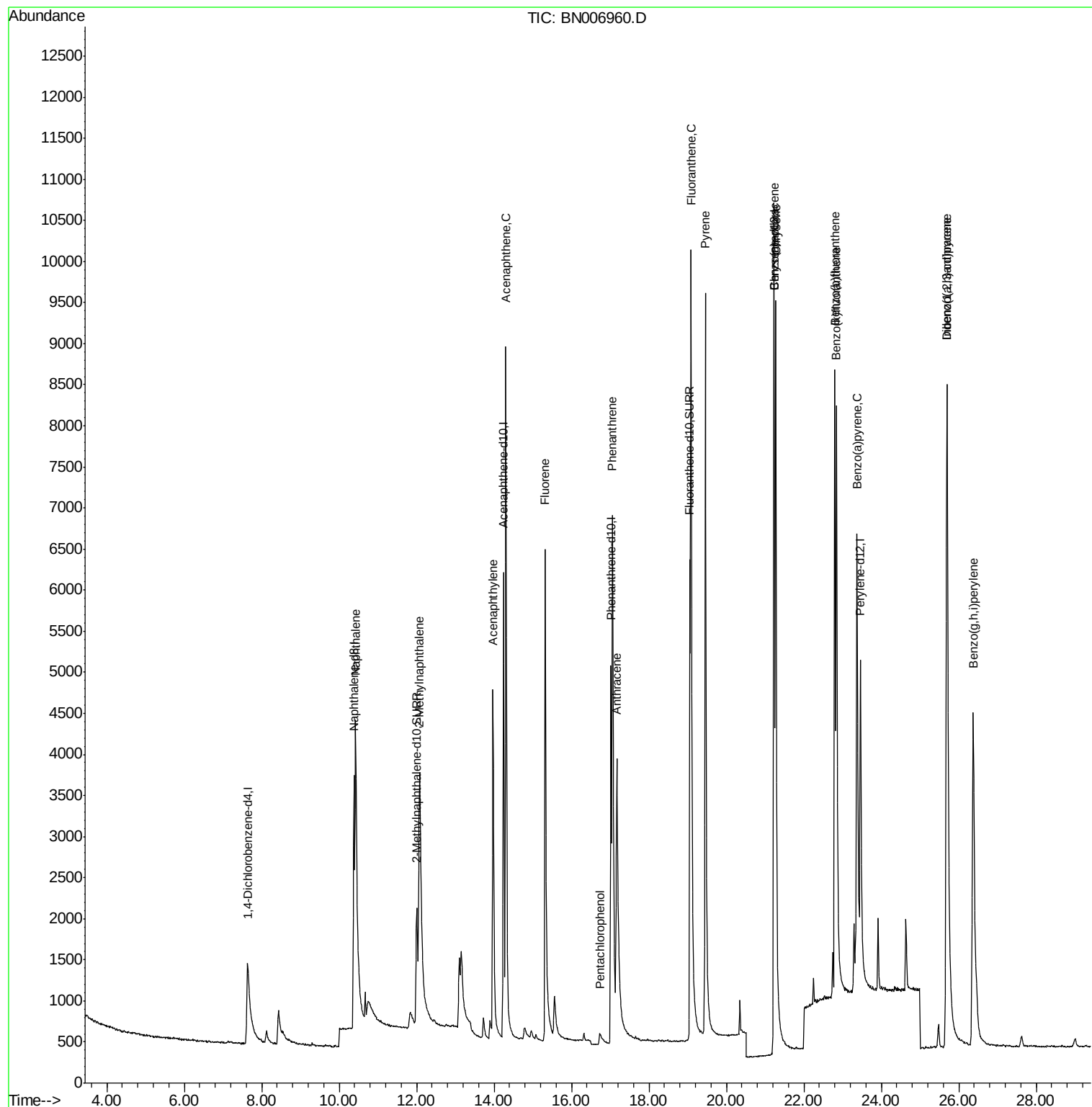
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1890	0.40	ng/ul	0.01
2) Naphthalene-d8	10.38	136	7659	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	4035	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8226	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	6179	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	6733	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4594	0.39	ng/ul	0.01
14) Fluoranthene-d10	19.06	212	9024	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	9218	0.419	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	5465	0.368	ng/ul	96
7) Acenaphthylene	13.97	152	7773	0.373	ng/ul	99
8) Acenaphthene	14.31	153	6540	0.407	ng/ul	98
9) Fluorene	15.32	166	6569	0.373	ng/ul	99
11) Pentachlorophenol	16.73	266	357	0.291	ng/ul#	91
12) Phenanthrene	17.06	178	10424	0.394	ng/ul	98
13) Anthracene	17.17	178	7651	0.335	ng/ul	98
15) Fluoranthene	19.09	202	11811	0.361	ng/ul	100
17) Pyrene	19.46	202	12549	0.444	ng/ul	99
18) Benzo(a)anthracene	21.22	228	8454	0.333	ng/ul	99
19) Chrysene	21.27	228	13422	0.474	ng/ul	98
21) Benzo(b)fluoranthene	22.80	252	11029	0.400	ng/ul	98
22) Benzo(k)fluoranthene	22.84	252	12756	0.442	ng/ul	98
23) Benzo(a)pyrene	23.37	252	11198	0.414	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.70	276	12792	0.468	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.70	278	9803	0.451	ng/ul	97
26) Benzo(g,h,i)perylene	26.38	276	11634	0.509	ng/ul	98

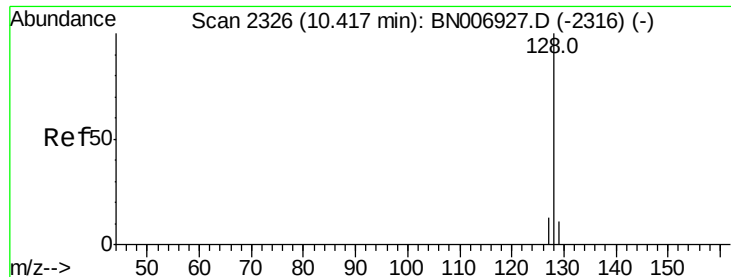
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.419 ng/ul

RT: 10.43 min Scan# 2328

Delta R.T. 0.01 min

Lab File: BN006960.D

Acq: 23 Jul 2019 02:21

Instrument :

BNA_N

ClientSampleId :

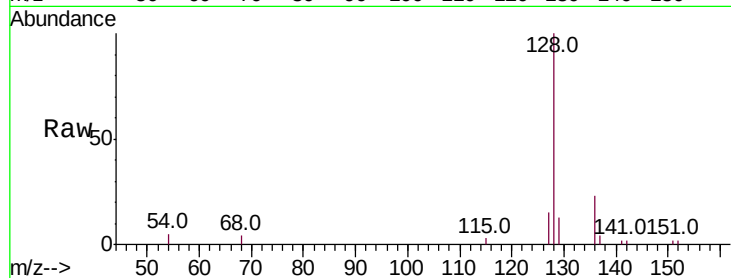
Tot Ion:128 Resp: 9218

Ion Ratio Lower Upper

128 100

129 12.7 9.4 14.0

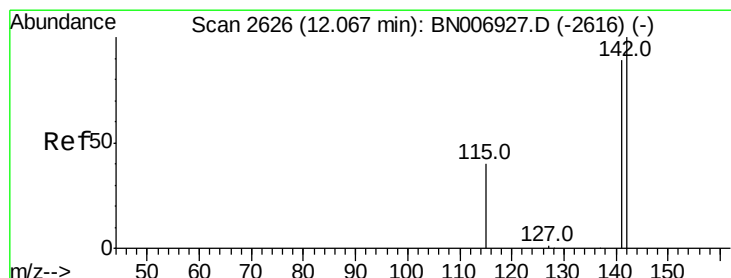
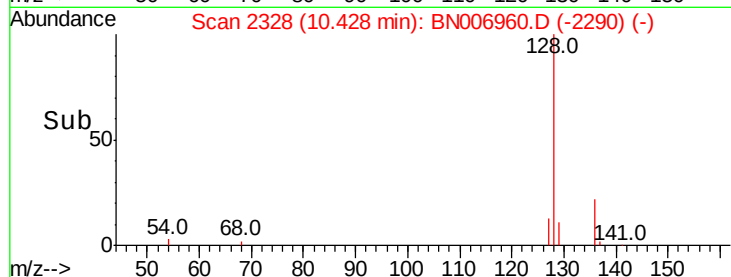
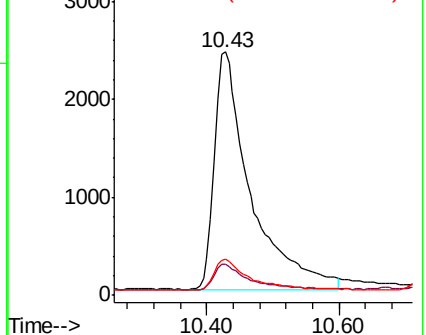
127 14.8 10.6 16.0



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: 0.368 ng/ul

RT: 12.07 min Scan# 2627

Delta R.T. 0.01 min

Lab File: BN006960.D

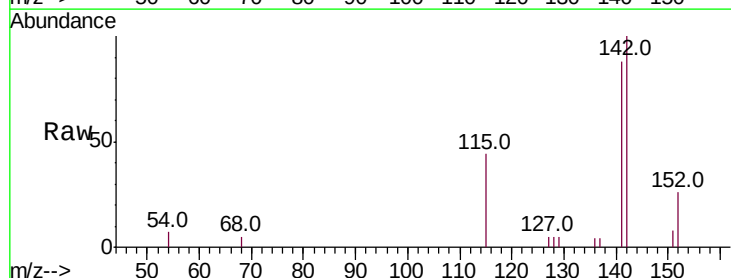
Acq: 23 Jul 2019 02:21

Tgt Ion:142 Resp: 5465

Ion Ratio Lower Upper

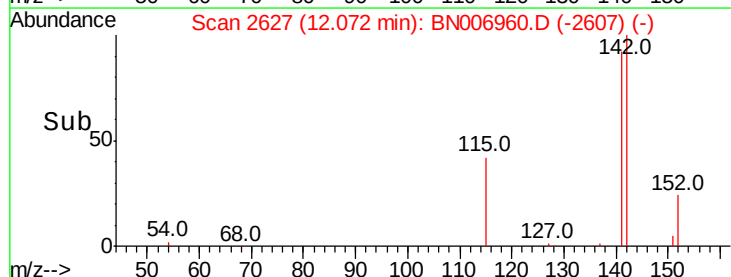
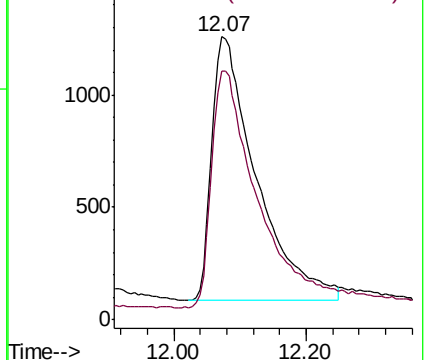
142 100

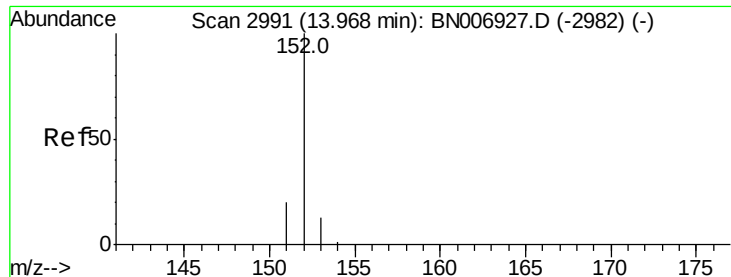
141 93.5 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.373 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BN006960.D

Acq: 23 Jul 2019 02:21

Instrument :

BNA_N

ClientSampleId :

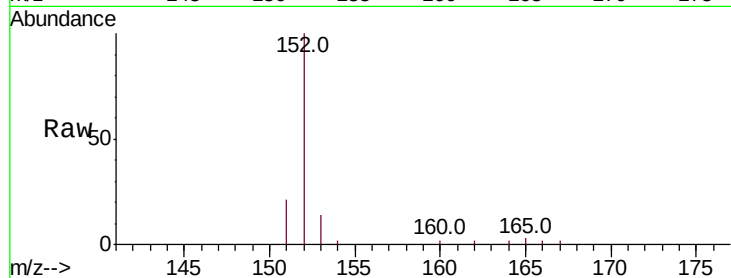
Tot Ion:152 Resp: 7773

Ion Ratio Lower Upper

152 100

151 21.0 16.1 24.1

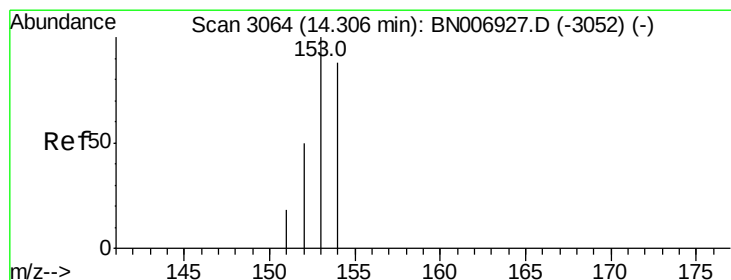
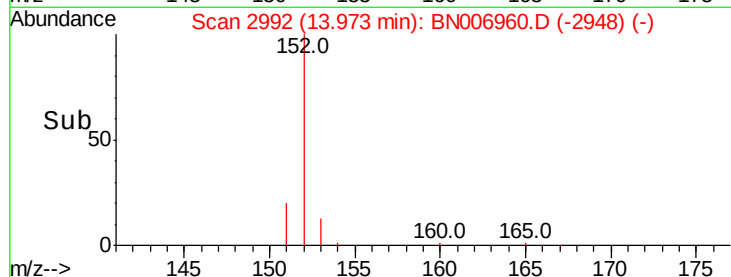
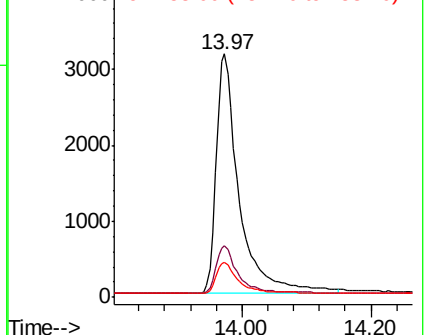
153 14.2 11.2 16.8



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: 0.407 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BN006960.D

Acq: 23 Jul 2019 02:21

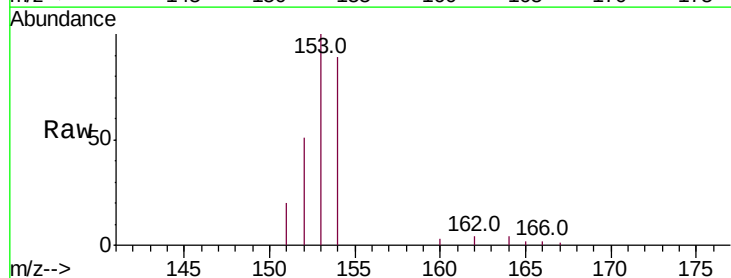
Tgt Ion:153 Resp: 6540

Ion Ratio Lower Upper

153 100

152 51.1 39.3 58.9

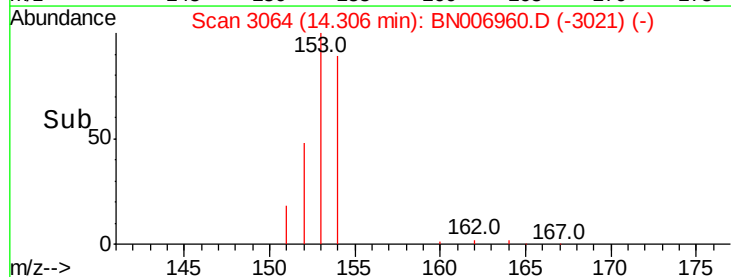
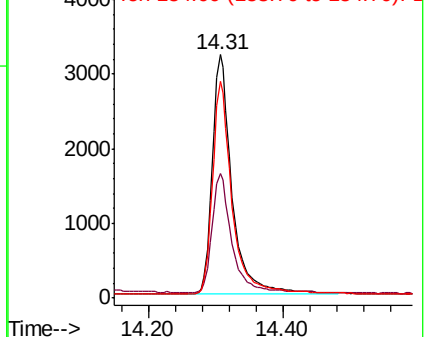
154 89.0 70.6 105.8

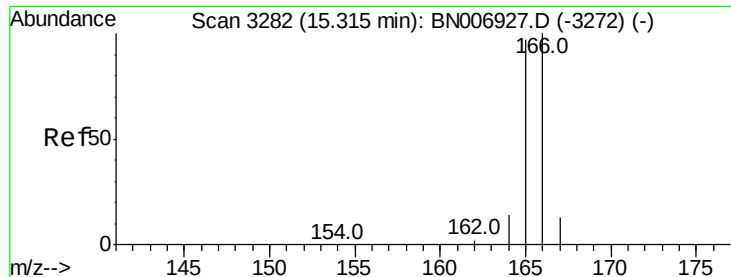


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

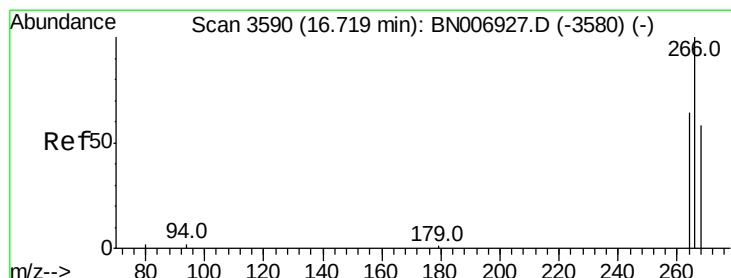
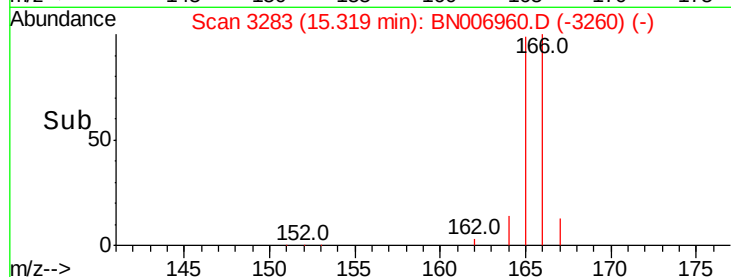
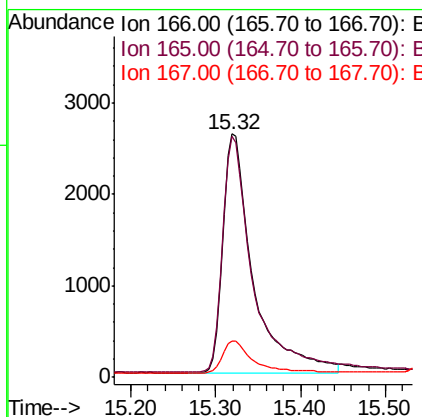
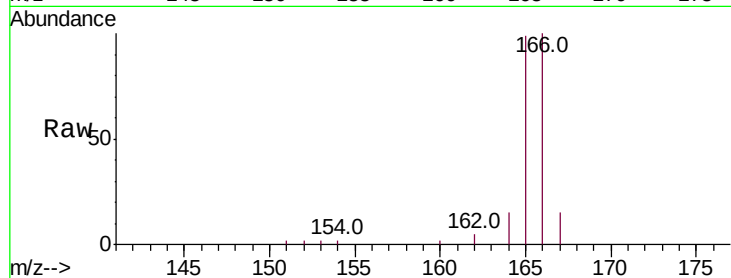




#9
Fluorene
Concen: 0.373 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. 0.00 min
Lab File: BN006960.D
Acq: 23 Jul 2019 02:21

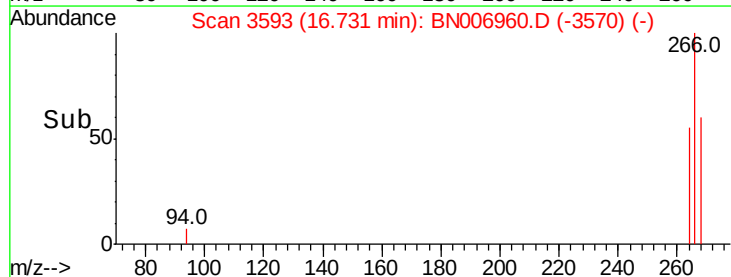
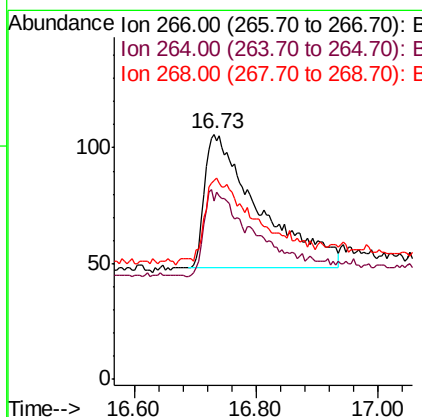
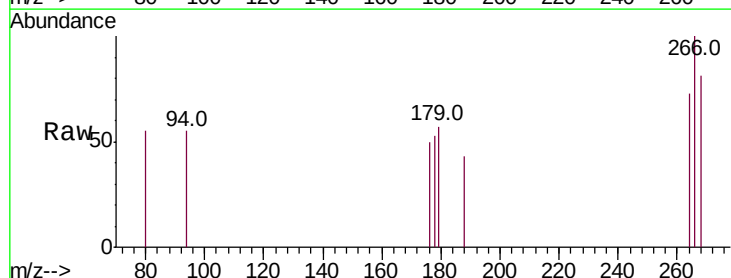
Instrument :
BNA_N
ClientSampleId :

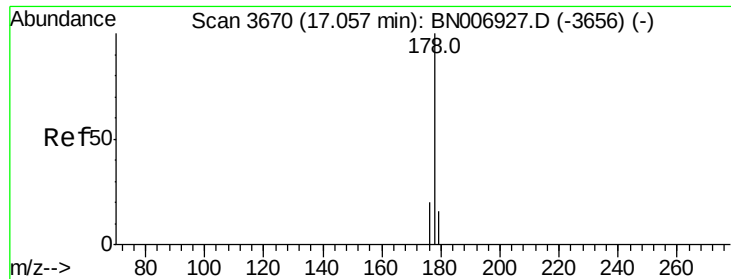
Tot Ion:166 Resp: 6569
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.4
167 15.0 11.3 16.9



#11
Pentachlorophenol
Concen: 0.291 ng/ul
RT: 16.73 min Scan# 3593
Delta R.T. -0.00 min
Lab File: BN006960.D
Acq: 23 Jul 2019 02:21

Tgt Ion:266 Resp: 357
Ion Ratio Lower Upper
266 100
264 70.9 45.9 68.9#
268 59.7 48.1 72.1

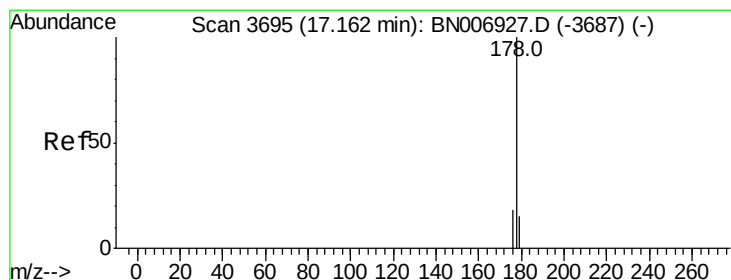
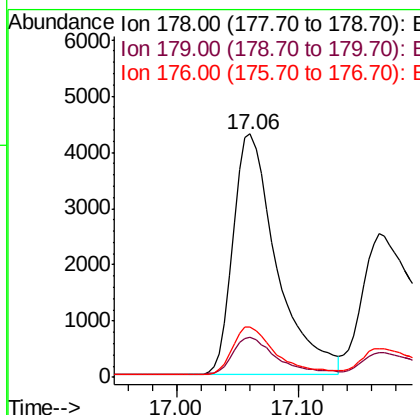
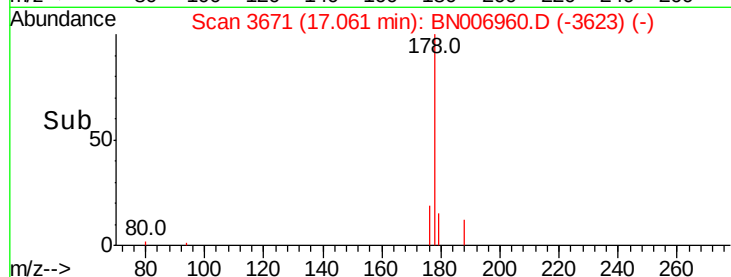
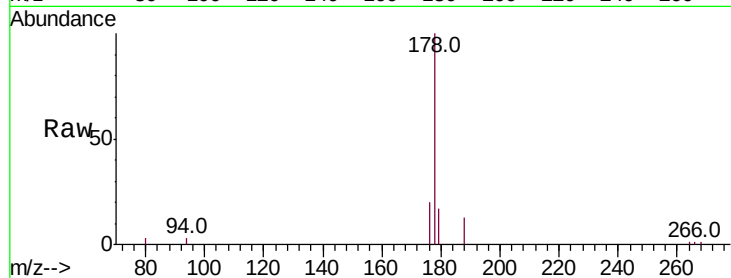




#12
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.06 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BN006960.D
Acq: 23 Jul 2019 02:21

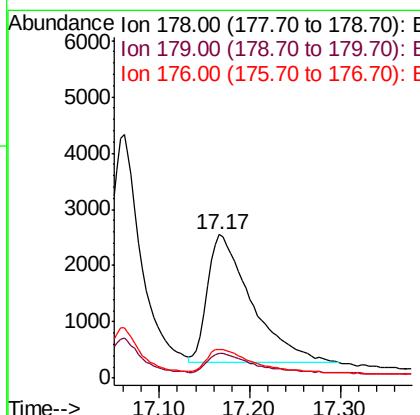
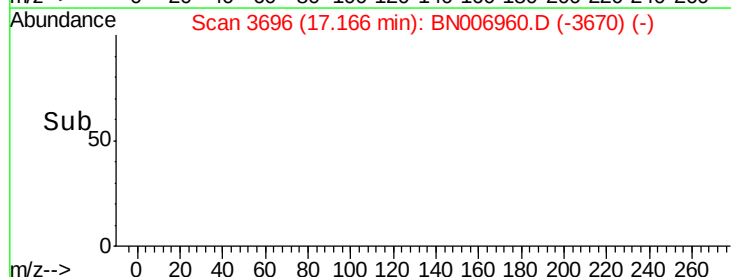
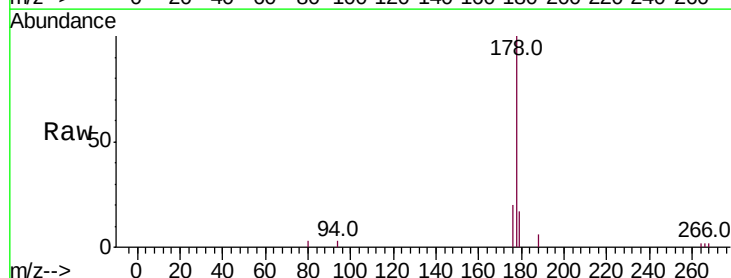
Instrument :
BNA_N
ClientSampled :

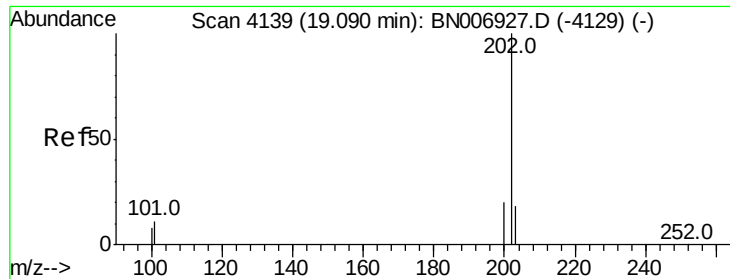
Tot Ion:178 Resp: 10424
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 20.4 15.8 23.8



#13
Anthracene
Concen: 0.335 ng/ul
RT: 17.17 min Scan# 3696
Delta R.T. 0.01 min
Lab File: BN006960.D
Acq: 23 Jul 2019 02:21

Tgt Ion:178 Resp: 7651
Ion Ratio Lower Upper
178 100
179 16.8 12.7 19.1
176 20.3 15.8 23.6





#15

Fluoranthene

Concen: 0.361 ng/ul

RT: 19.09 min Scan# 4138

Delta R.T. 0.00 min

Lab File: BN006960.D

Acq: 23 Jul 2019 02:21

Instrument :

BNA_N

ClientSampleId :

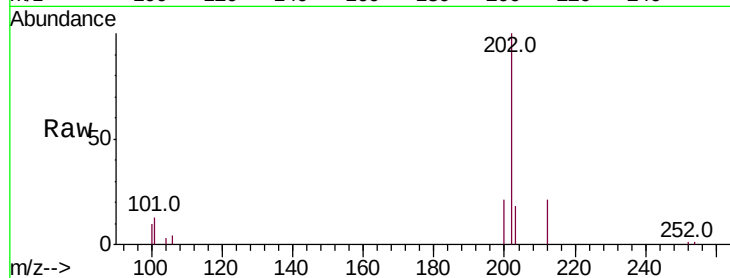
Tot Ion:202 Resp: 11811

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

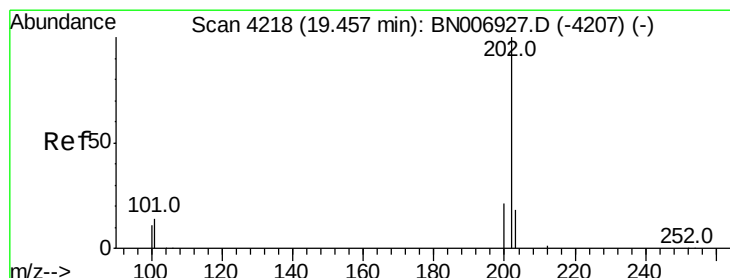
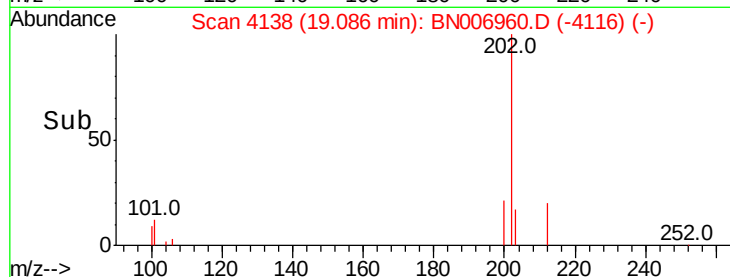
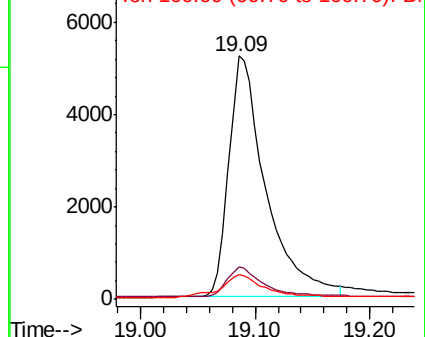
100 10.2 0.0 29.9



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: 0.444 ng/ul

RT: 19.46 min Scan# 4218

Delta R.T. 0.00 min

Lab File: BN006960.D

Acq: 23 Jul 2019 02:21

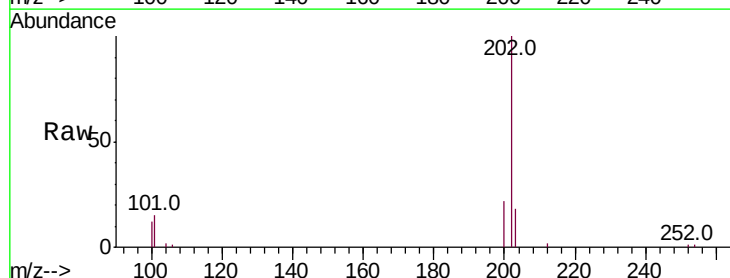
Tgt Ion:202 Resp: 12549

Ion Ratio Lower Upper

202 100

101 14.7 12.2 18.2

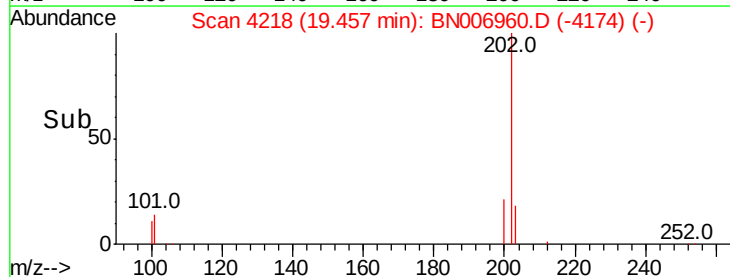
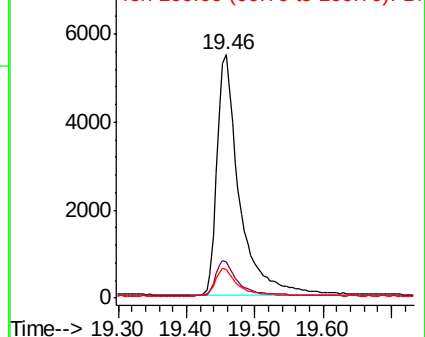
100 11.8 9.8 14.8

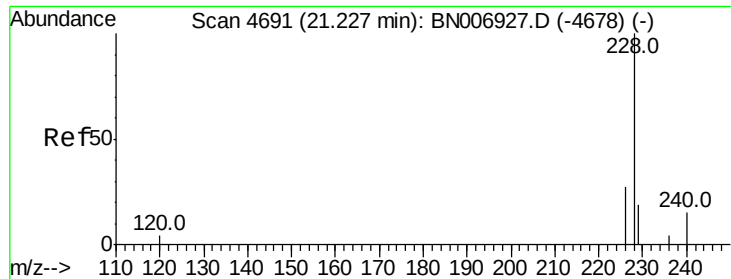


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.333 ng/ul

RT: 21.22 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN006960.D

Acq: 23 Jul 2019 02:21

Instrument :

BNA_N

ClientSampleId :

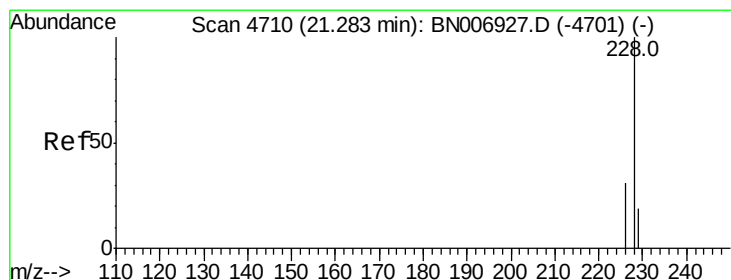
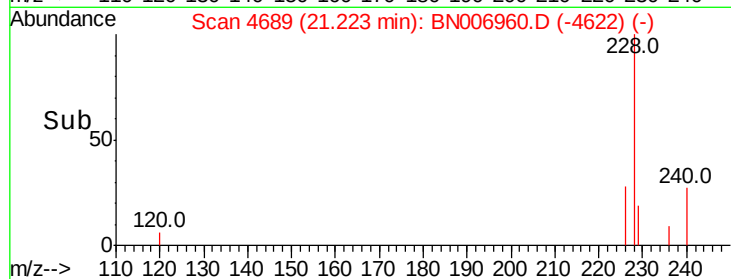
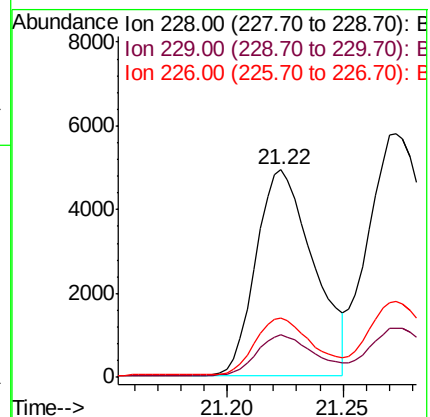
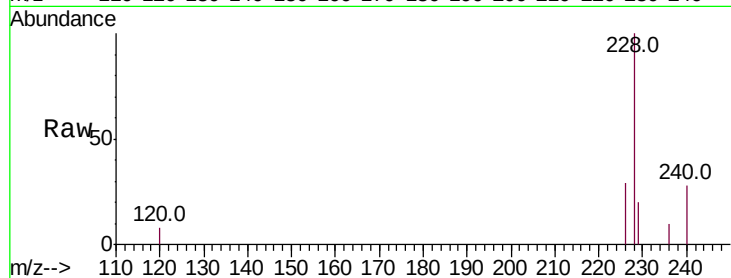
Tot Ion:228 Resp: 8454

Ion Ratio Lower Upper

228 100

229 20.3 15.9 23.9

226 28.5 22.6 34.0



#19

Chrysene

Concen: 0.474 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN006960.D

Acq: 23 Jul 2019 02:21

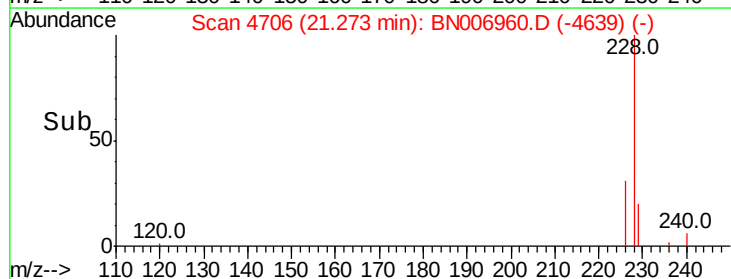
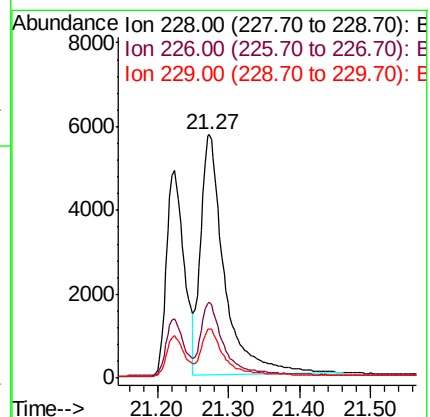
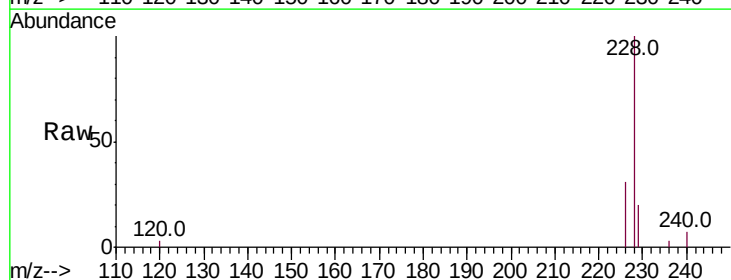
Tgt Ion:228 Resp: 13422

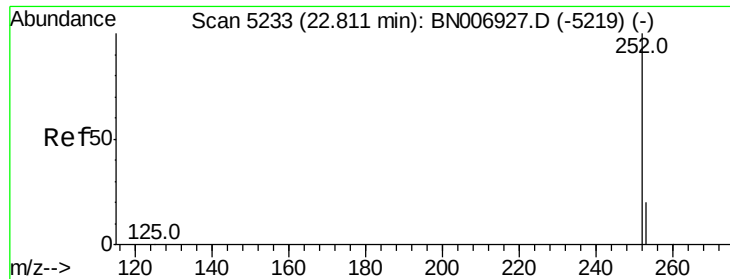
Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.4

229 20.3 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 0.400 ng/ul

RT: 22.80 min Scan# 5228

Delta R.T. -0.00 min

Lab File: BN006960.D

Acq: 23 Jul 2019 02:21

Instrument :

BNA_N

ClientSampleId :

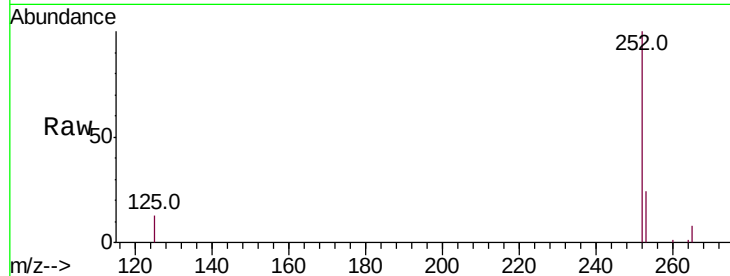
Tot Ion:252 Resp: 11029

Ion Ratio Lower Upper

252 100

253 24.2 0.0 47.8

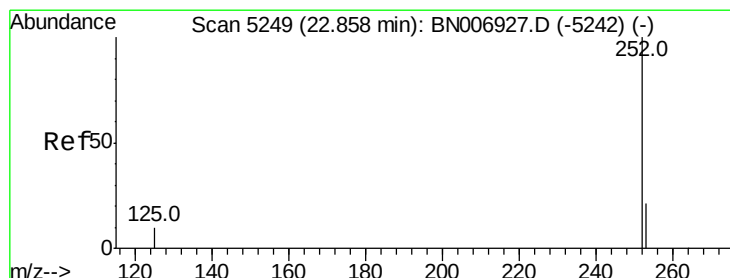
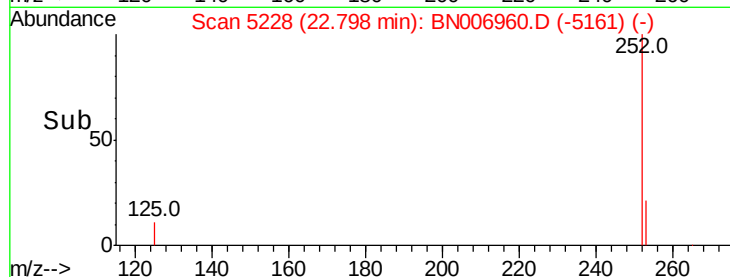
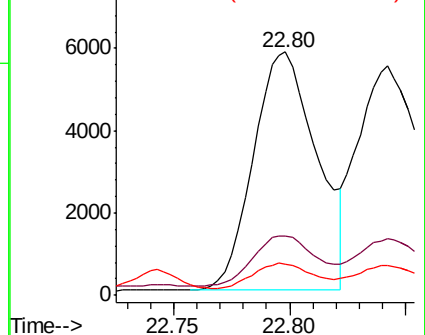
125 12.8 0.0 29.2



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: 0.442 ng/ul

RT: 22.84 min Scan# 5243

Delta R.T. -0.00 min

Lab File: BN006960.D

Acq: 23 Jul 2019 02:21

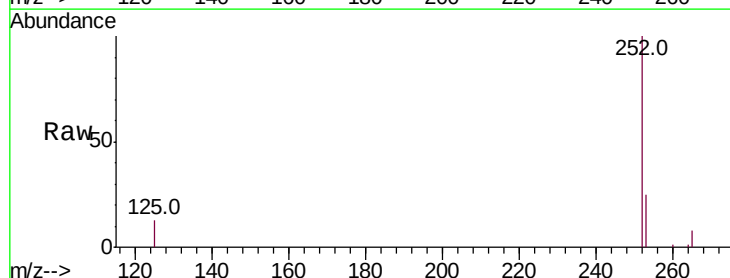
Tgt Ion:252 Resp: 12756

Ion Ratio Lower Upper

252 100

253 24.9 19.2 28.8

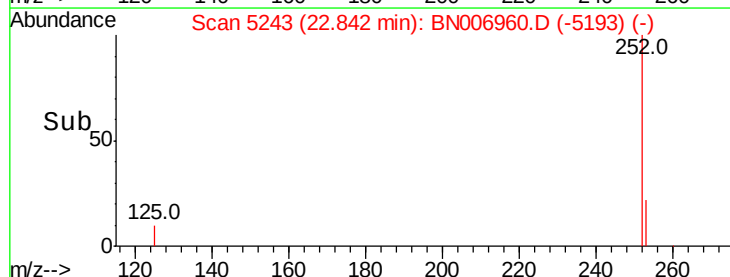
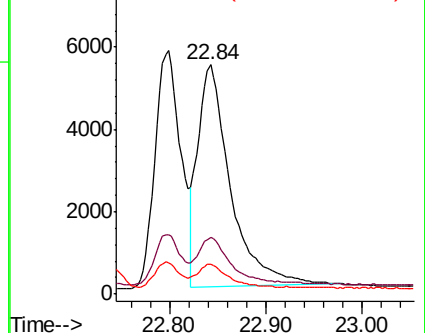
125 12.7 11.0 16.6

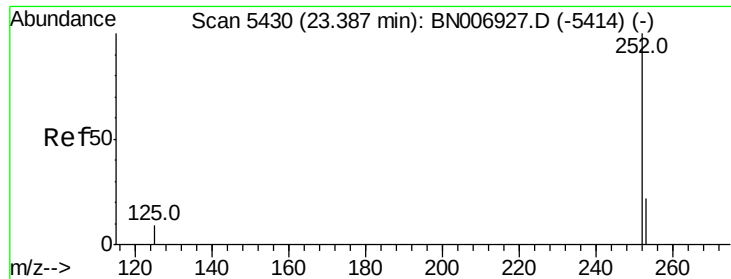


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.414 ng/ul

RT: 23.37 min Scan# 5424

Delta R.T. -0.01 min

Lab File: BN006960.D

Acq: 23 Jul 2019 02:21

Instrument :

BNA_N

ClientSampleId :

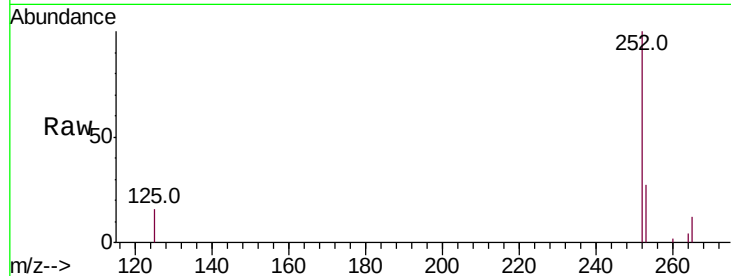
Tot Ion:252 Resp: 11198

Ion Ratio Lower Upper

252 100

253 27.2 19.4 29.2

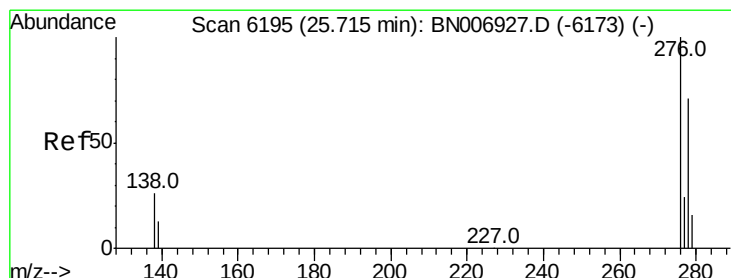
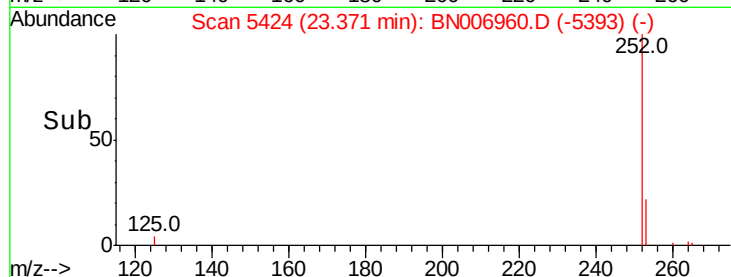
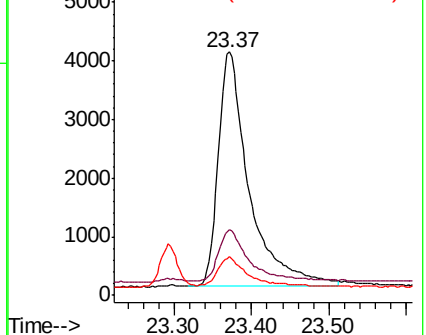
125 15.9 12.6 19.0



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: 0.468 ng/ul

RT: 25.70 min Scan# 6189

Delta R.T. -0.01 min

Lab File: BN006960.D

Acq: 23 Jul 2019 02:21

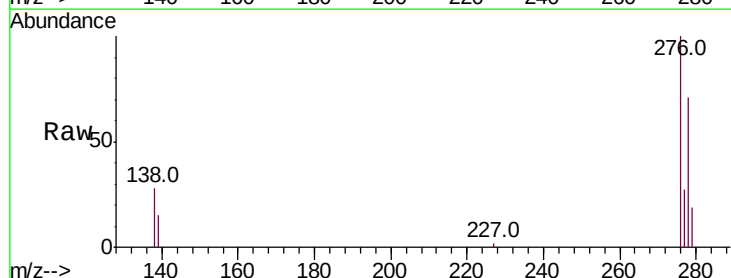
Tgt Ion:276 Resp: 12792

Ion Ratio Lower Upper

276 100

138 27.3 24.3 36.5

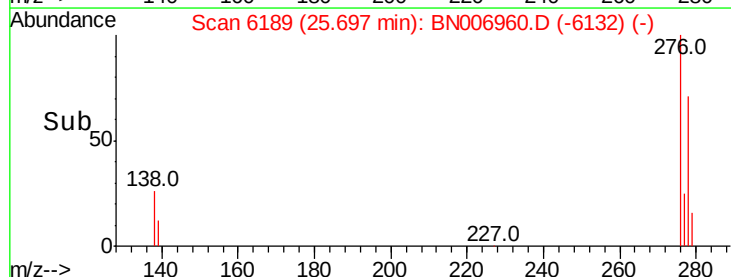
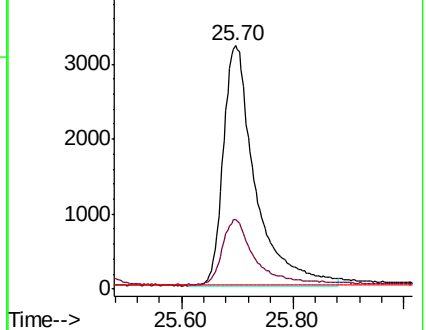
227 0.2 0.2 0.4#

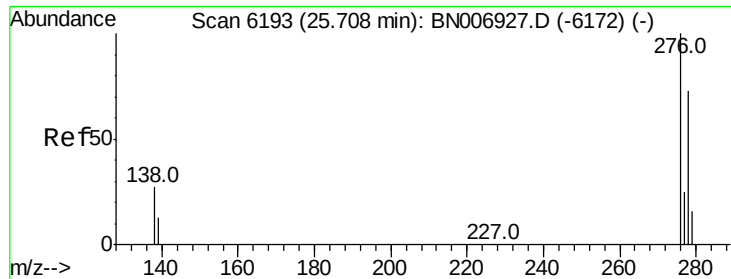


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

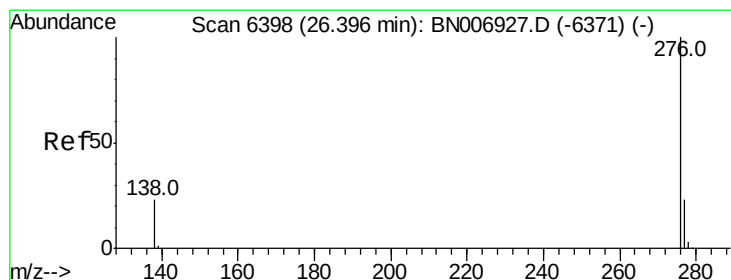
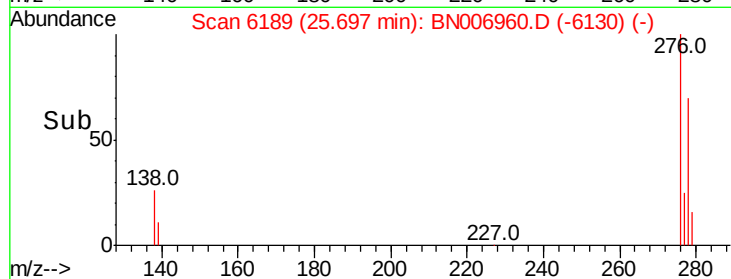
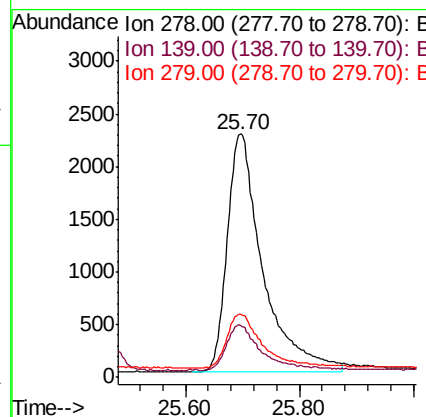
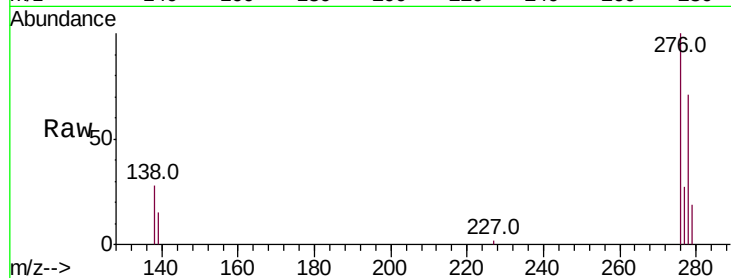




#25
Dibenzo(a,h)anthracene
Concen: 0.451 ng/ul
RT: 25.70 min Scan# 6189
Delta R.T. -0.00 min
Lab File: BN006960.D
Acq: 23 Jul 2019 02:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 9803
Ion Ratio Lower Upper
278 100
139 21.1 18.1 27.1
279 26.1 19.8 29.6



#26
Benzo(g,h,i)perylene
Concen: 0.509 ng/ul
RT: 26.38 min Scan# 6392
Delta R.T. -0.00 min
Lab File: BN006960.D
Acq: 23 Jul 2019 02:21

Tgt Ion:276 Resp: 11634
Ion Ratio Lower Upper
276 100
138 26.3 22.2 33.2
277 25.4 19.5 29.3

