

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006787.D
 Acq On : 11 Jul 2019 02:22
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 04:13:23 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 : Thu Jul 11 02:31:55 2019
 Response via : Initial Calibration

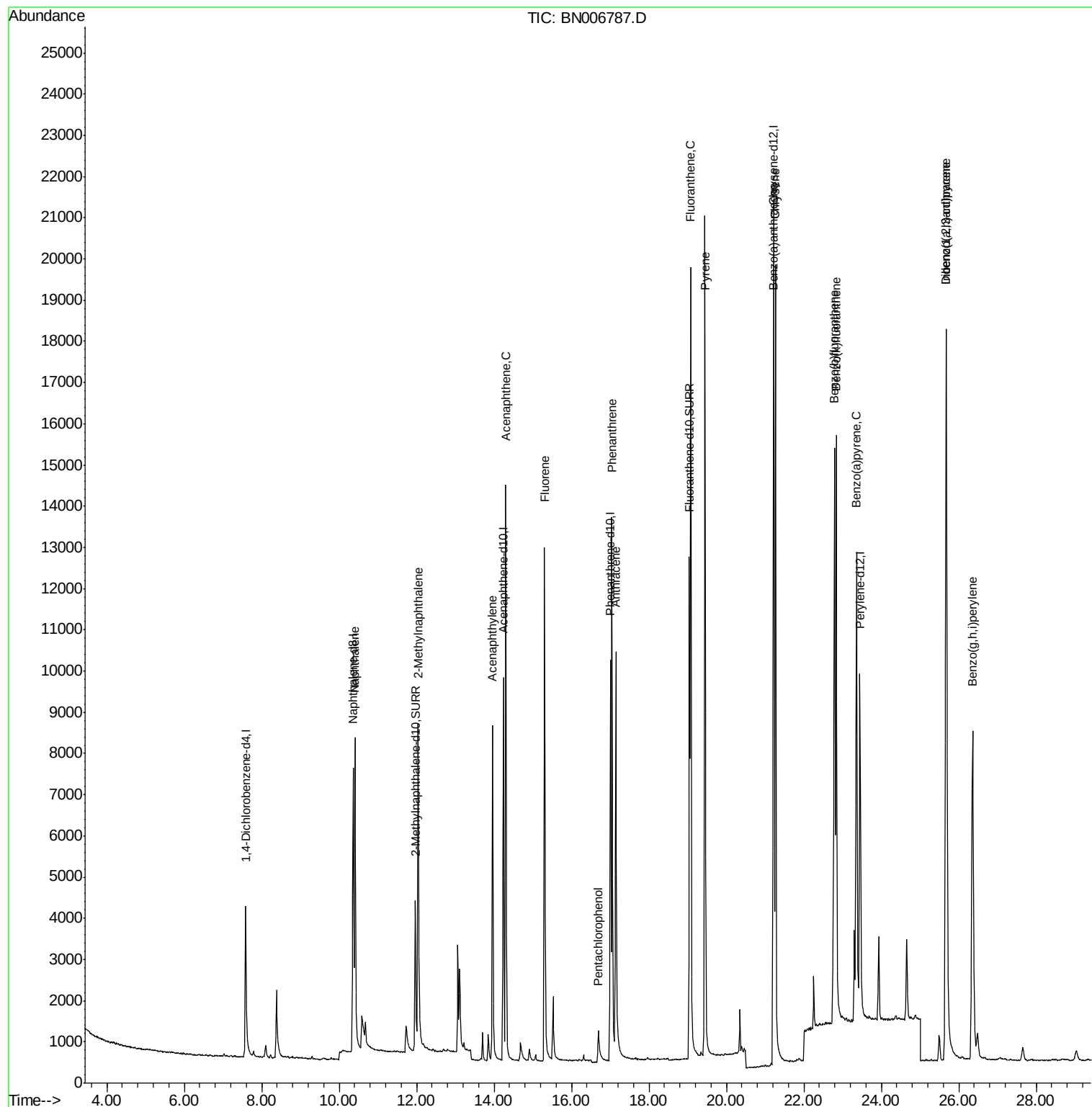
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2773	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.36	136	10188	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	5468	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12131	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	10729	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	12121	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	6272	0.40	ng/ul	-0.02
14) Fluoranthene-d10	19.04	212	14288	0.40	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	11774	0.403	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	7752	0.392	ng/ul	100
7) Acenaphthylene	13.96	152	10668	0.378	ng/ul	99
8) Acenaphthene	14.30	153	8545	0.393	ng/ul	98
9) Fluorene	15.30	166	9321	0.391	ng/ul	99
11) Pentachlorophenol	16.69	266	1349	0.747	ng/ul	94
12) Phenanthrene	17.04	178	15431	0.395	ng/ul	100
13) Anthracene	17.14	178	13078	0.388	ng/ul	99
15) Fluoranthene	19.08	202	18455	0.382	ng/ul	99
17) Pyrene	19.44	202	19308	0.394	ng/ul	98
18) Benzo(a)anthracene	21.21	228	16777	0.381	ng/ul	99
19) Chrysene	21.27	228	19160	0.390	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	18366	0.370	ng/ul	98
22) Benzo(k)fluoranthene	22.83	252	19994	0.385	ng/ul	98
23) Benzo(a)pyrene	23.36	252	18016	0.370	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.67	276	21237	0.431	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.67	278	16870	0.431	ng/ul	96
26) Benzo(g,h,i)perylene	26.36	276	18220	0.442	ng/ul	96

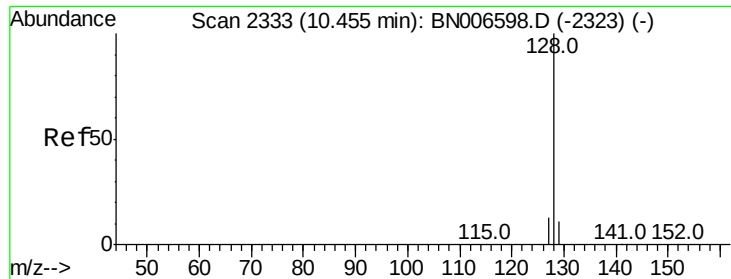
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006787.D
Acq On : 11 Jul 2019 02:22
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 11 04:13:23 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.403 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

Instrument :

BNA_N

ClientSampleId :

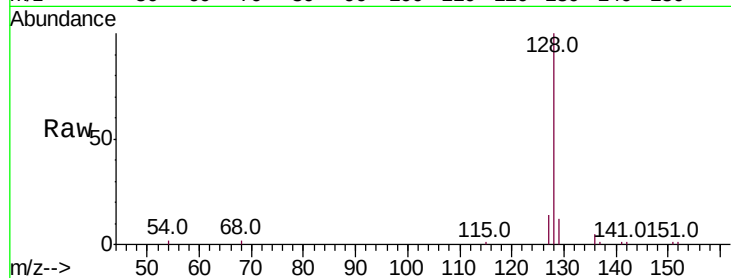
Tot Ion:128 Resp: 11774

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

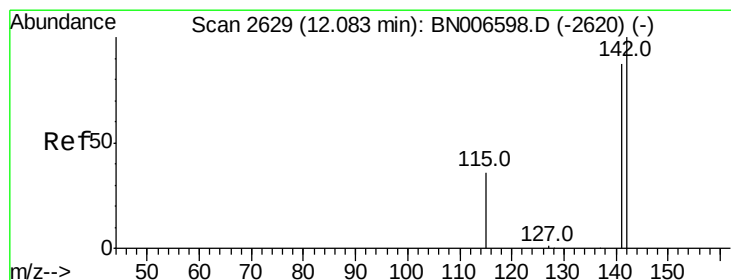
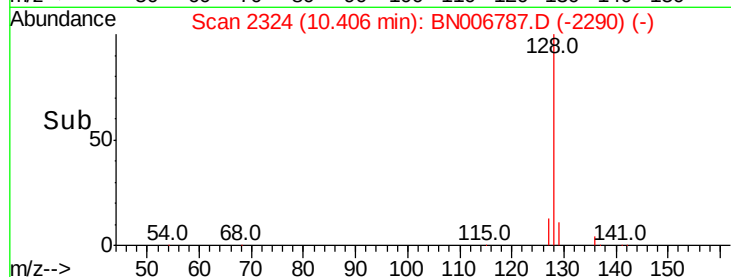
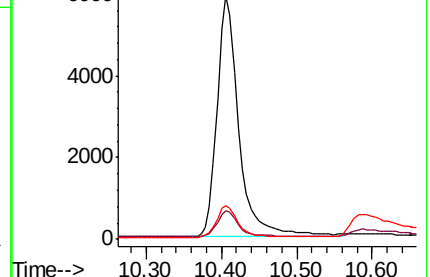
127 13.9 10.6 16.0



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: 0.392 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.02 min

Lab File: BN006787.D

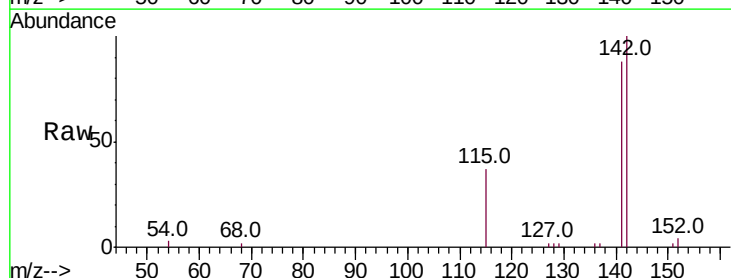
Acq: 11 Jul 2019 02:22

Tgt Ion:142 Resp: 7752

Ion Ratio Lower Upper

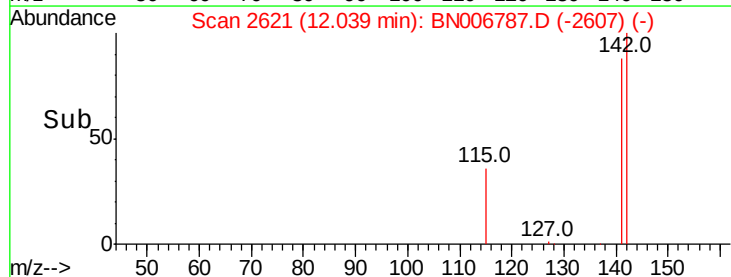
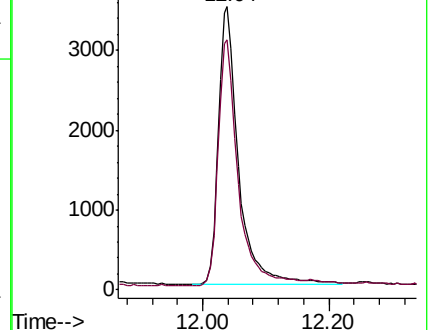
142 100

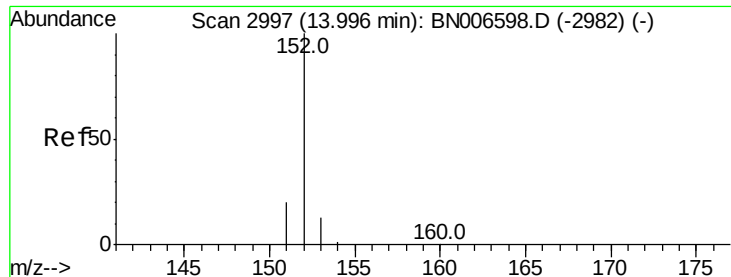
141 89.8 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.378 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. -0.01 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

Instrument :

BNA_N

ClientSampleId :

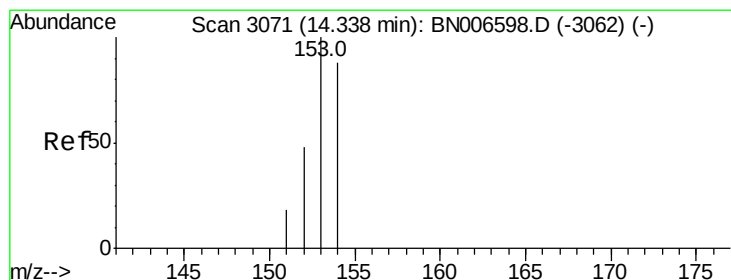
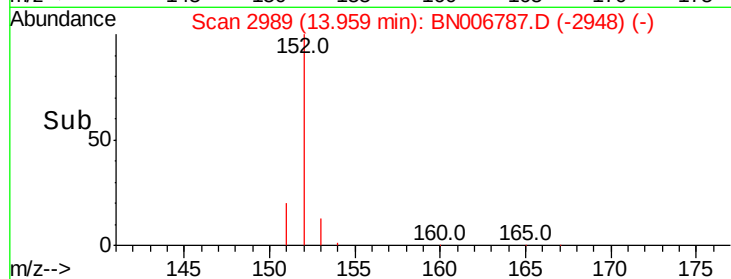
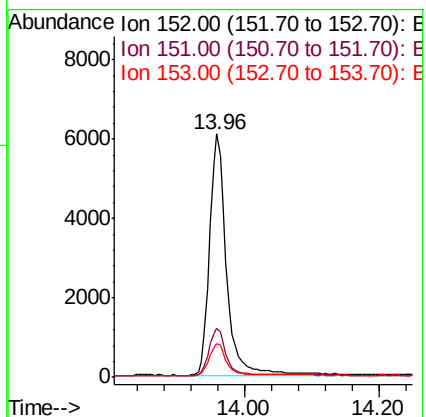
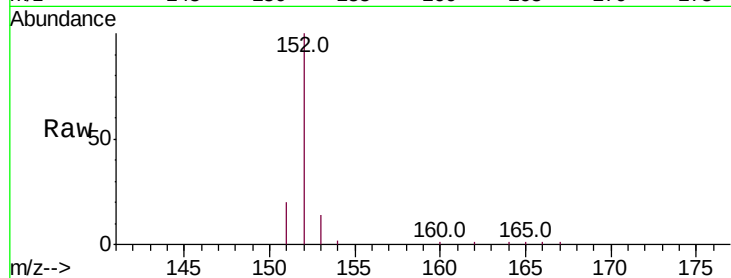
Tot Ion:152 Resp: 10668

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.7 11.2 16.8



#8

Acenaphthene

Concen: 0.393 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

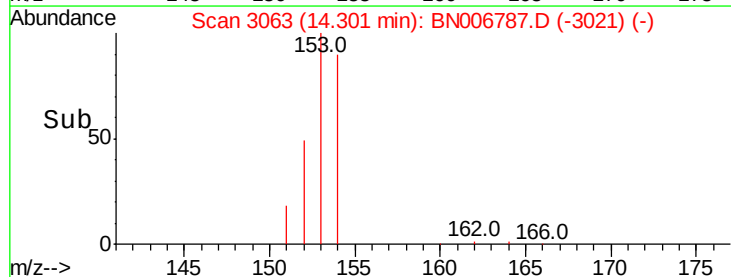
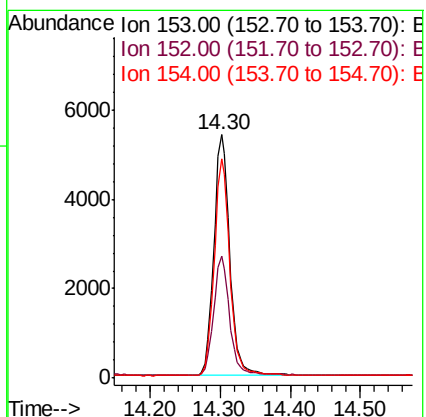
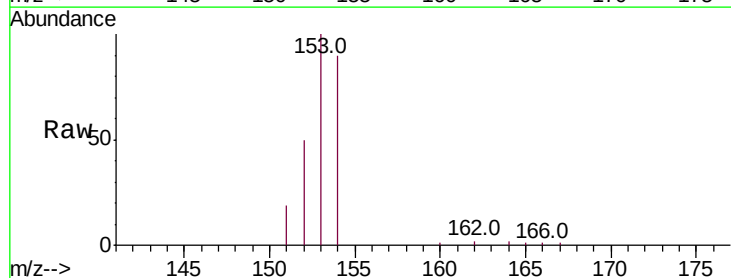
Tgt Ion:153 Resp: 8545

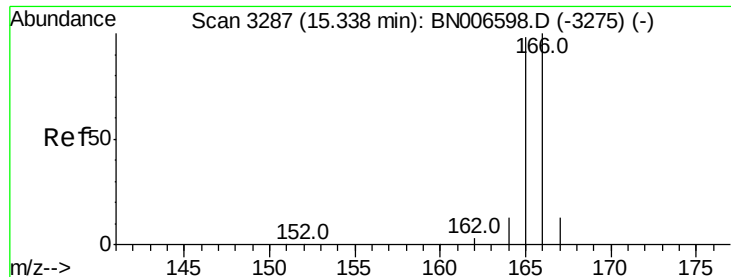
Ion Ratio Lower Upper

153 100

152 50.1 39.3 58.9

154 89.9 70.6 105.8

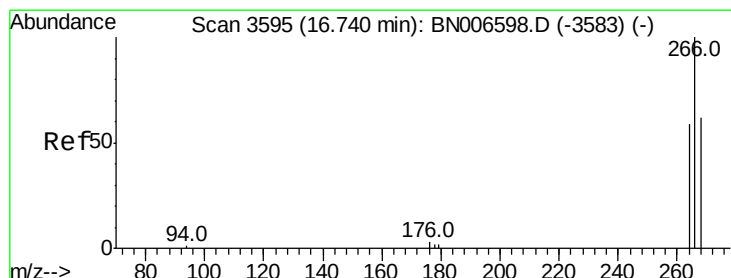
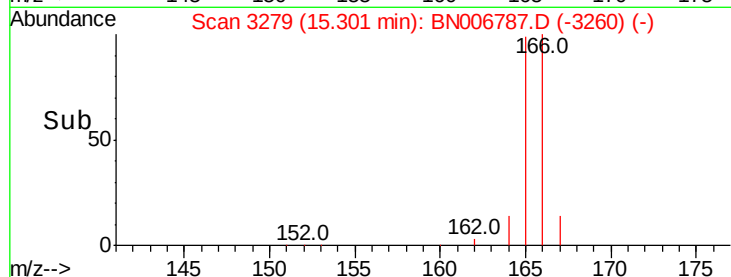
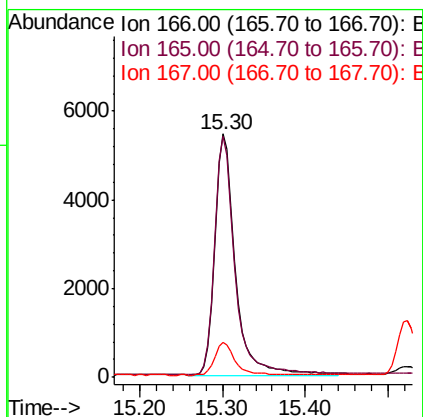
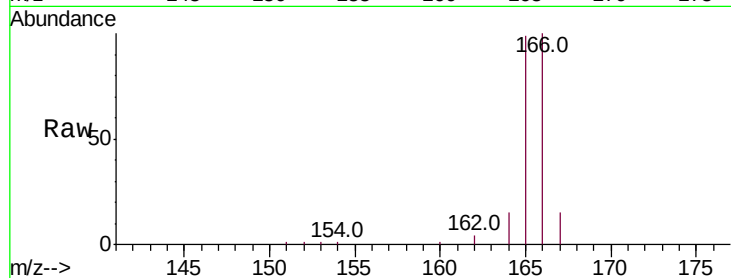




#9
Fluorene
 Concen: 0.391 ng/ul
 RT: 15.30 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BN006787.D
 Acq: 11 Jul 2019 02:22

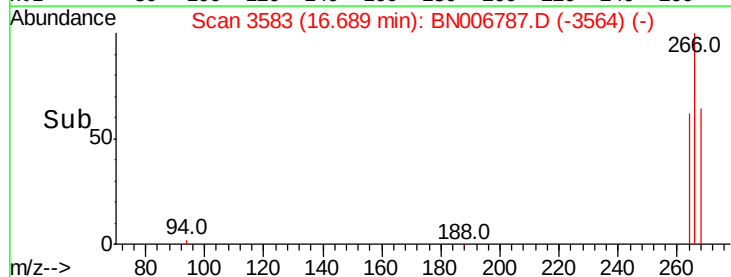
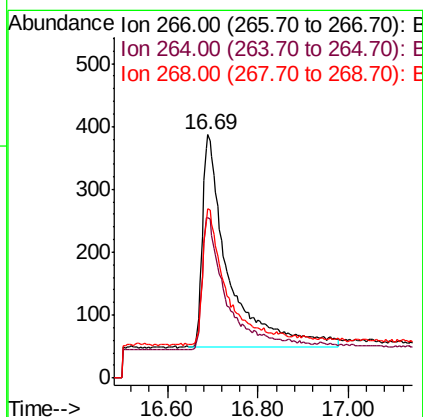
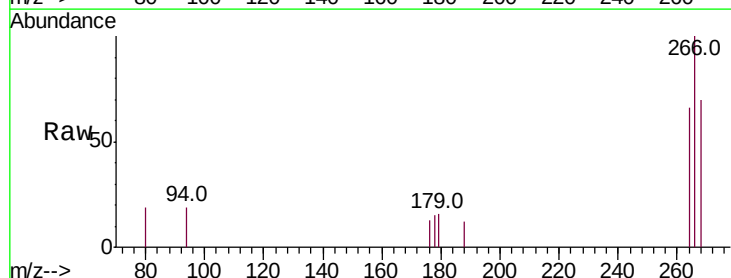
Instrument :
 BNA_N
 ClientSampleId :

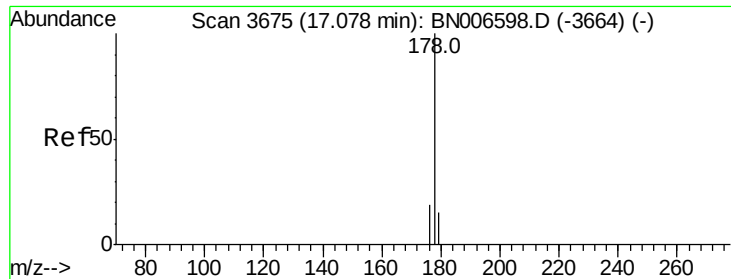
Tot Ion:166 Resp: 9321
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.2 117.4
 167 14.6 11.3 16.9



#11
Pentachlorophenol
 Concen: 0.747 ng/ul
 RT: 16.69 min Scan# 3583
 Delta R.T. -0.02 min
 Lab File: BN006787.D
 Acq: 11 Jul 2019 02:22

Tgt Ion:266 Resp: 1349
 Ion Ratio Lower Upper
 266 100
 264 62.9 45.9 68.9
 268 64.3 48.1 72.1





#12

Phenanthrene

Concen: 0.395 ng/ul

RT: 17.04 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

Instrument :

BNA_N

ClientSampleId :

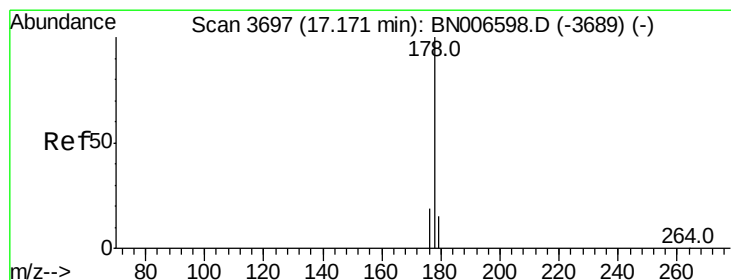
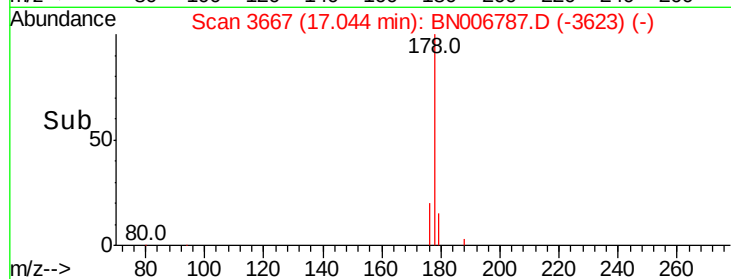
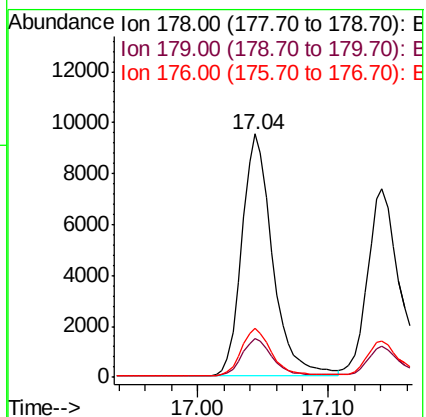
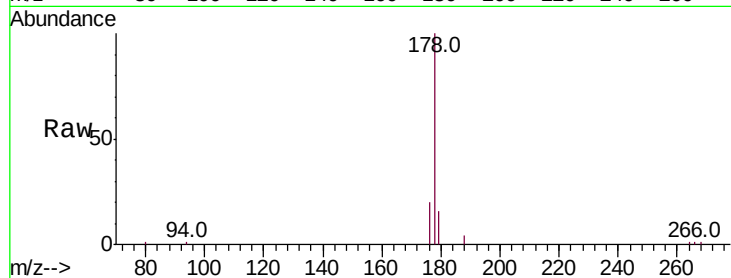
Tot Ion:178 Resp: 15431

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

176 20.1 15.8 23.8



#13

Anthracene

Concen: 0.388 ng/ul

RT: 17.14 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

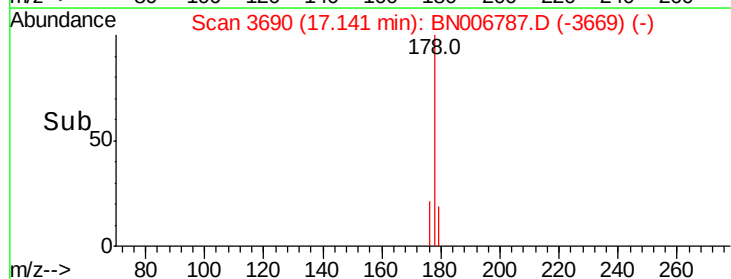
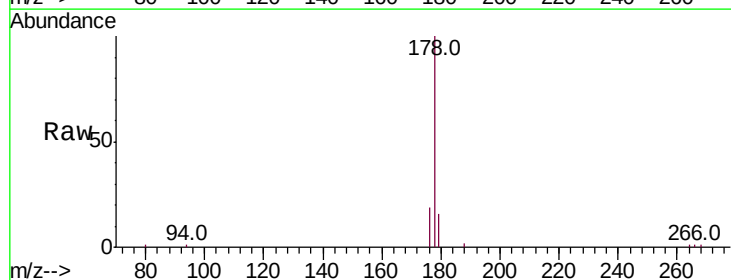
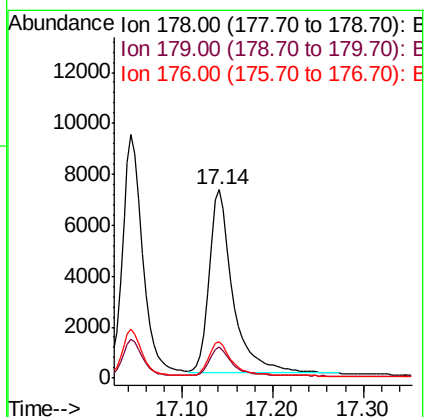
Tgt Ion:178 Resp: 13078

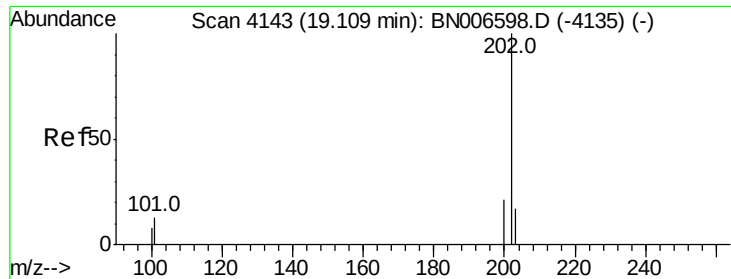
Ion Ratio Lower Upper

178 100

179 16.3 12.7 19.1

176 19.2 15.8 23.6

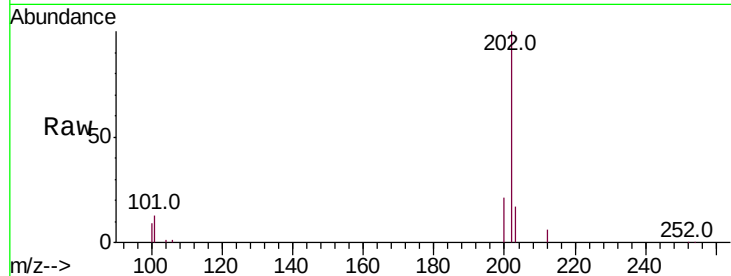




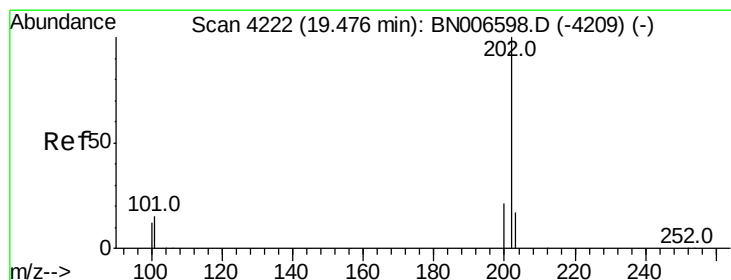
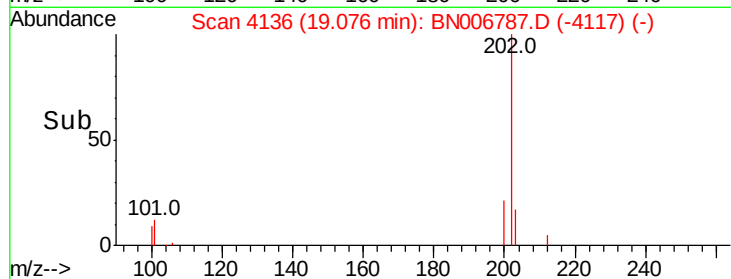
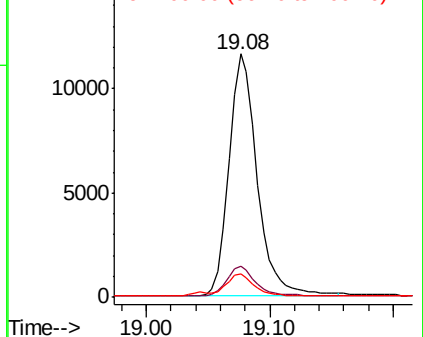
#15
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.08 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN006787.D
Acq: 11 Jul 2019 02:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
100	9.5	0.0	29.9

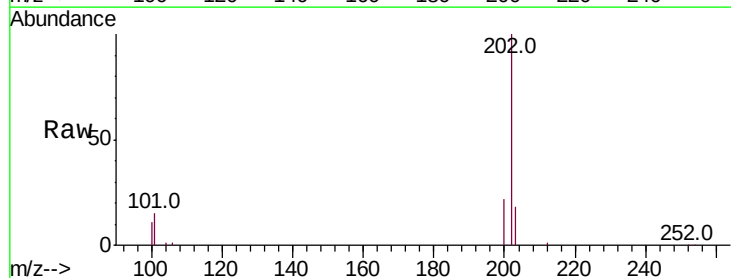


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

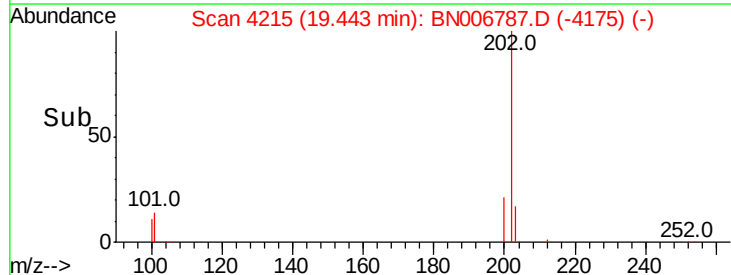
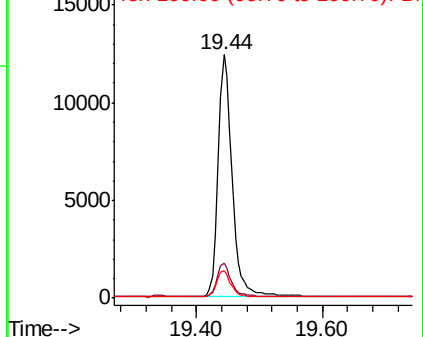


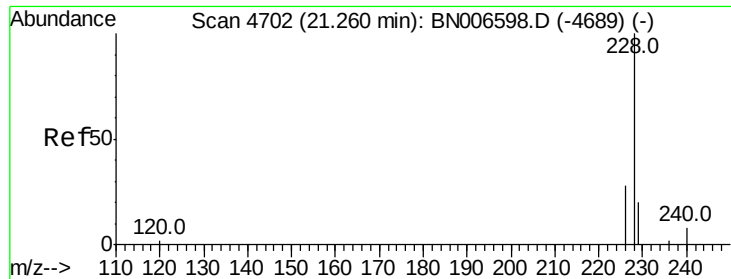
#17
Pyrene
Concen: 0.394 ng/ul
RT: 19.44 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN006787.D
Acq: 11 Jul 2019 02:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.2	18.2
100	11.4	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: 0.381 ng/ul

RT: 21.21 min Scan# 4686

Delta R.T. -0.02 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

Instrument :

BNA_N

ClientSampleId :

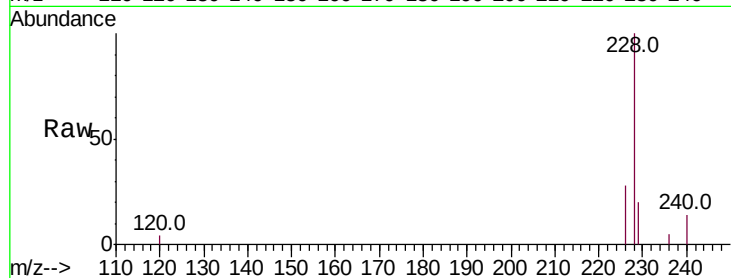
Tot Ion:228 Resp: 16777

Ion Ratio Lower Upper

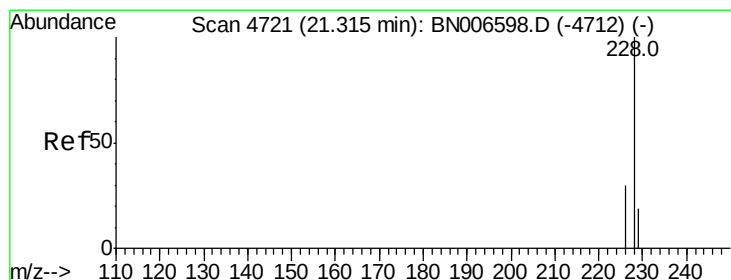
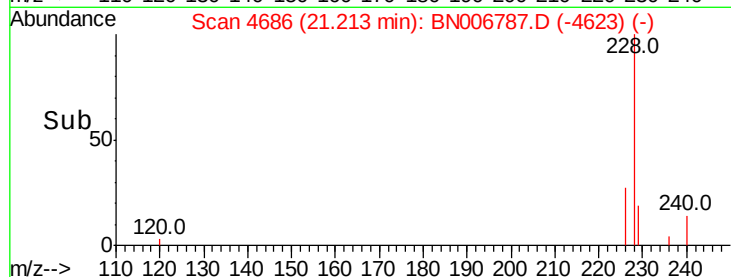
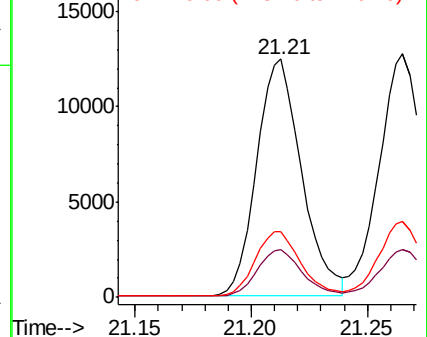
228 100

229 19.8 15.9 23.9

226 27.7 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: 0.390 ng/ul

RT: 21.27 min Scan# 4704

Delta R.T. -0.02 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

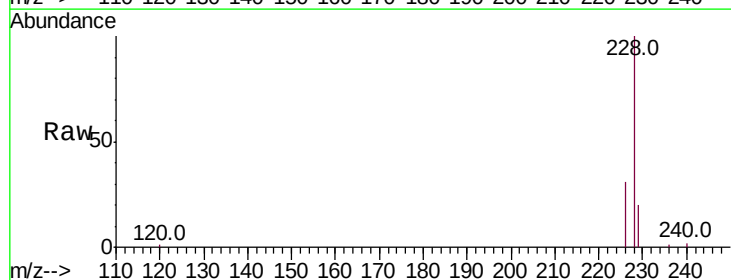
Tgt Ion:228 Resp: 19160

Ion Ratio Lower Upper

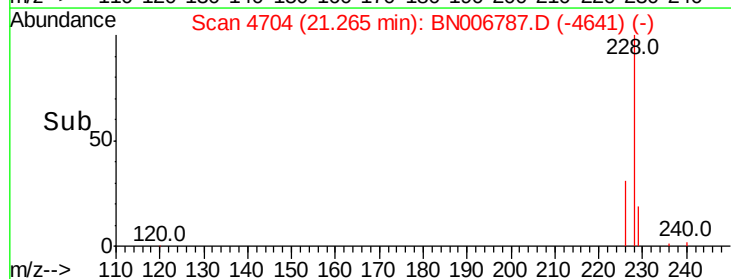
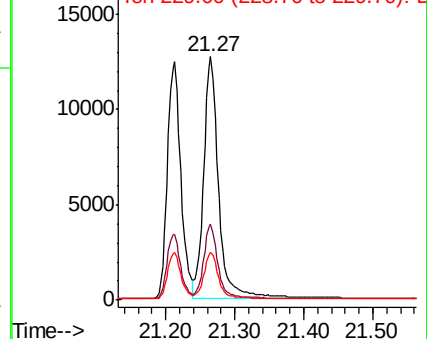
228 100

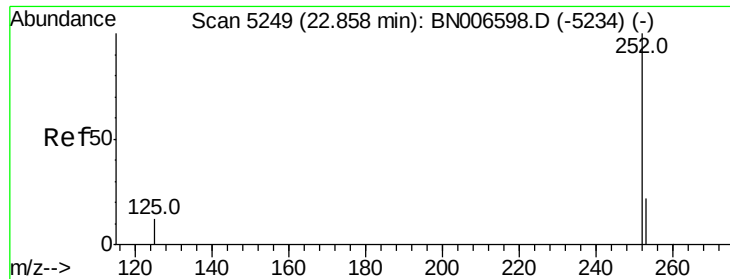
226 31.0 24.2 36.4

229 19.7 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: 0.370 ng/ul

RT: 22.78 min Scan# 5224

Delta R.T. -0.03 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

Instrument :

BNA_N

ClientSampled :

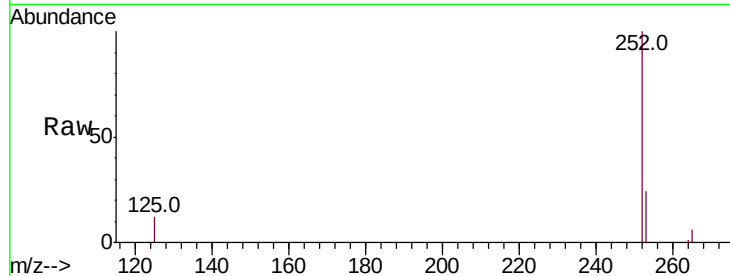
Tot Ion:252 Resp: 18366

Ion Ratio Lower Upper

252 100

253 24.1 0.0 47.8

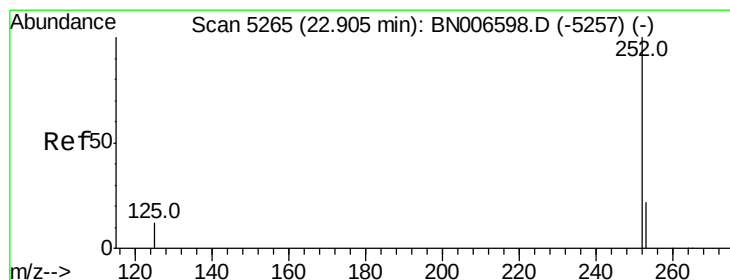
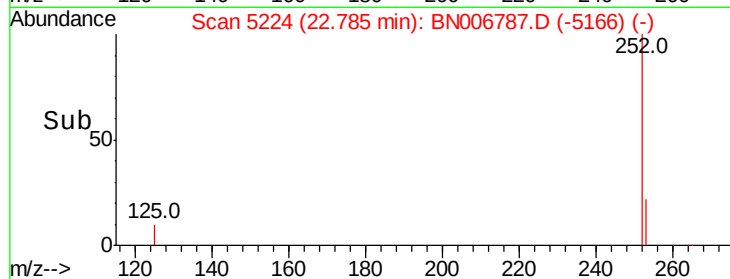
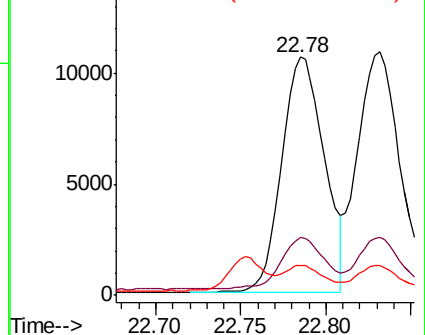
125 12.3 0.0 29.2



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: 0.385 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. -0.03 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

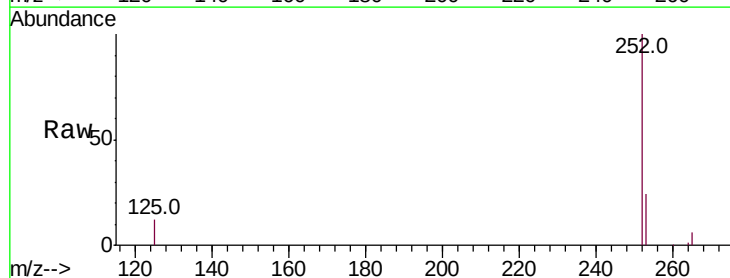
Tgt Ion:252 Resp: 19994

Ion Ratio Lower Upper

252 100

253 23.8 19.2 28.8

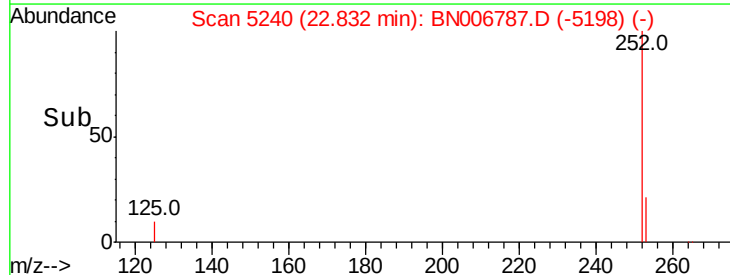
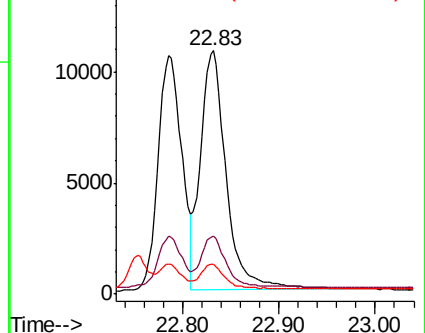
125 12.3 11.0 16.6

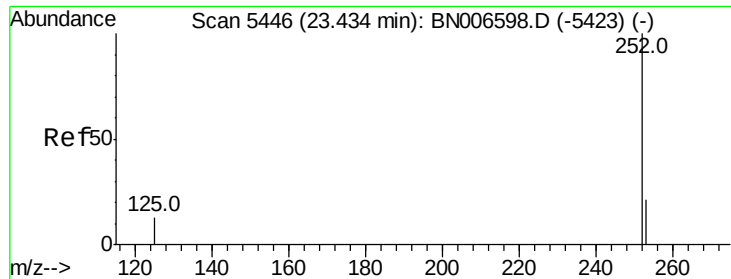


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.370 ng/ul

RT: 23.36 min Scan# 5419

Delta R.T. -0.03 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

Instrument :

BNA_N

ClientSampleId :

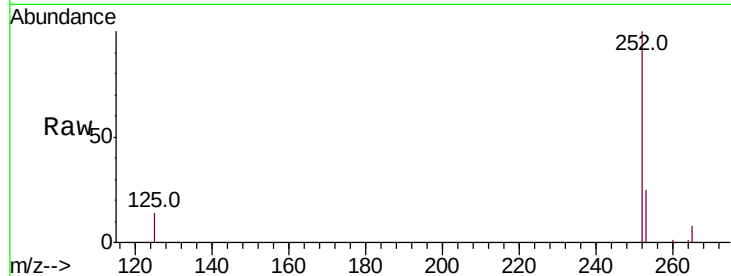
Tot Ion:252 Resp: 18016

Ion Ratio Lower Upper

252 100

253 24.9 19.4 29.2

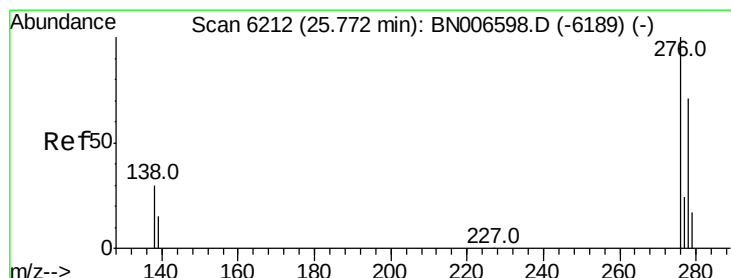
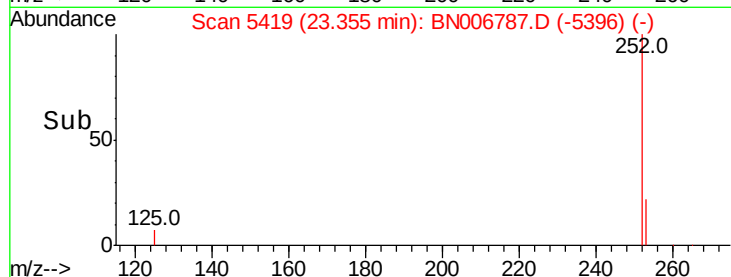
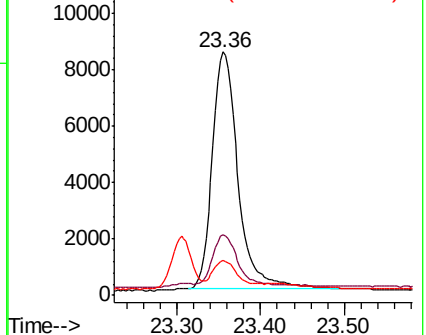
125 14.5 12.6 19.0



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: 0.431 ng/ul

RT: 25.67 min Scan# 6183

Delta R.T. -0.03 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

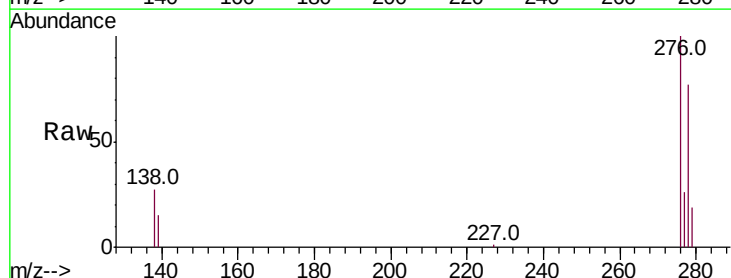
Tgt Ion:276 Resp: 21237

Ion Ratio Lower Upper

276 100

138 26.7 24.3 36.5

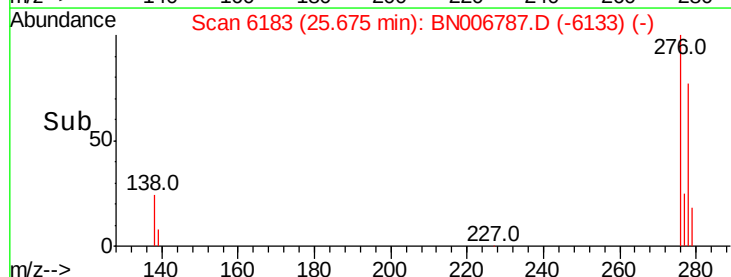
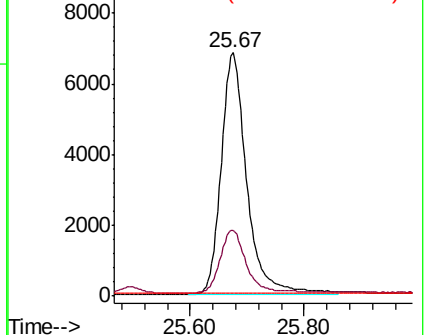
227 0.1 0.2 0.4#

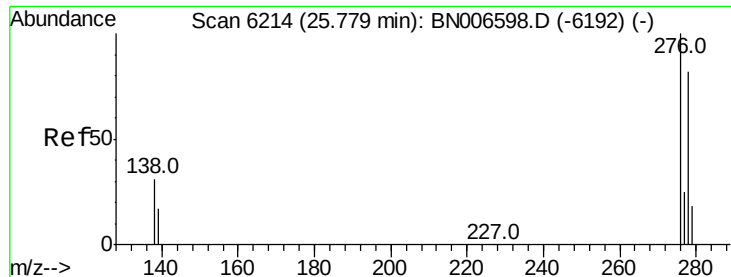


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.431 ng/ul

RT: 25.67 min Scan# 6183

Delta R.T. -0.04 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

Instrument :

BNA_N

ClientSampleId :

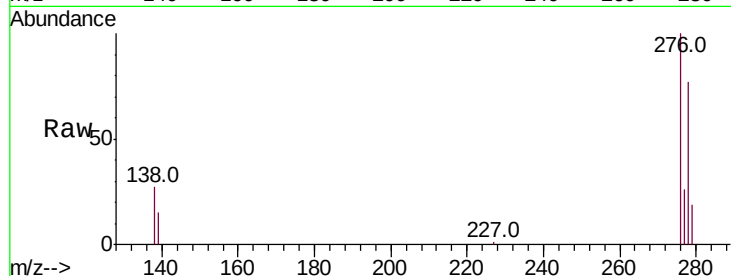
Tot Ion:278 Resp: 16870

Ion Ratio Lower Upper

278 100

139 19.0 18.1 27.1

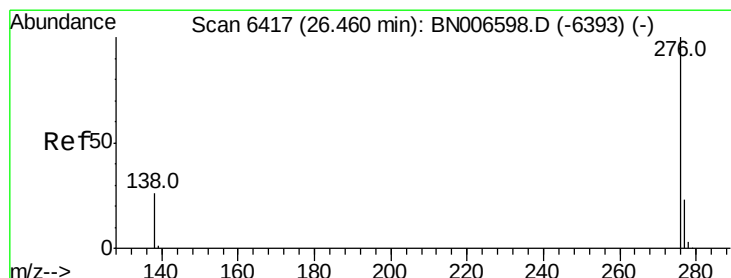
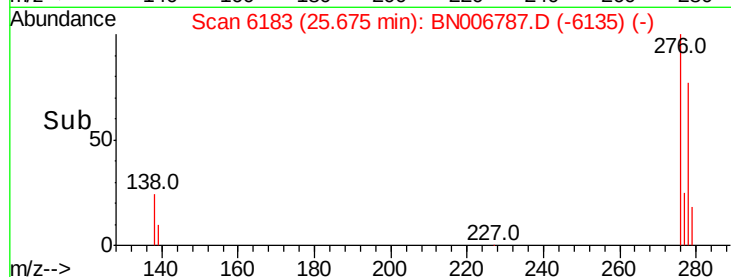
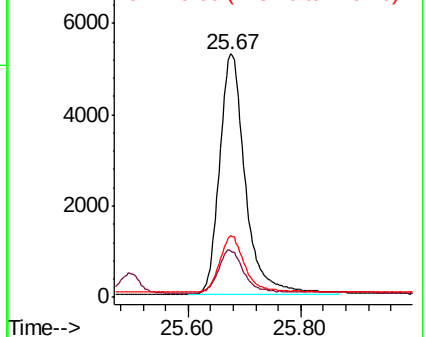
279 25.1 19.8 29.6



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: 0.442 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. -0.03 min

Lab File: BN006787.D

Acq: 11 Jul 2019 02:22

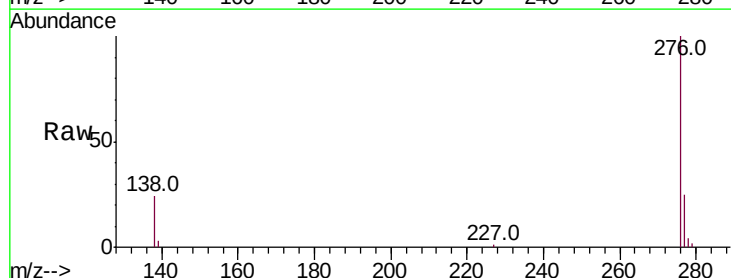
Tgt Ion:276 Resp: 18220

Ion Ratio Lower Upper

276 100

138 24.1 22.2 33.2

277 24.6 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

