

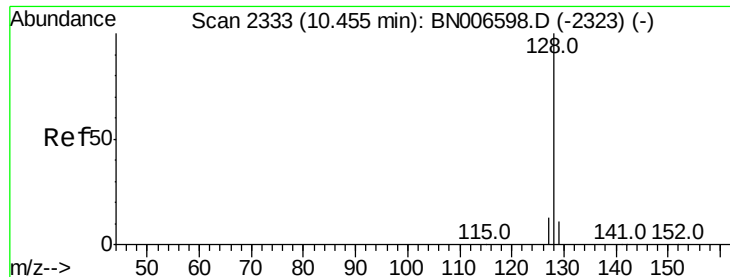
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
 Data File : BN006789.D
 Acq On : 11 Jul 2019 10:05
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 03:52:03 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	7.59	152	2080	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.36	136	7451	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	3922	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8580	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	7299	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	8476	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4298	0.38	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	9420	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	8331	0.389	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	5227	0.362	ng/ul	100
7) Acenaphthylene	13.96	152	7150	0.353	ng/ul	99
8) Acenaphthene	14.31	153	5863	0.376	ng/ul	99
9) Fluorene	15.31	166	6201	0.363	ng/ul	99
11) Pentachlorophenol	16.73	266	351	0.275	ng/ul	92
12) Phenanthrene	17.05	178	10186	0.369	ng/ul	98
13) Anthracene	17.15	178	8163	0.342	ng/ul	99
15) Fluoranthene	19.09	202	12194	0.357	ng/ul	99
17) Pyrene	19.45	202	12818	0.384	ng/ul	98
18) Benzo(a)anthracene	21.22	228	10242	0.342	ng/ul	100
19) Chrysene	21.28	228	13338	0.399	ng/ul	99
21) Benzo(b)fluoranthene	22.80	252	11875	0.342	ng/ul	98
22) Benzo(k)fluoranthene	22.85	252	13193	0.363	ng/ul	98
23) Benzo(a)pyrene	23.38	252	11986	0.352	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.70	276	14033	0.407	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.70	278	11047	0.403	ng/ul	96
26) Benzo(g,h,i)perylene	26.38	276	12445	0.432	ng/ul	96

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



#3

Naphthalene

Concen: 0.389 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BN006789.D

Acq: 11 Jul 2019 10:05

Instrument :

BNA_N

ClientSampleId :

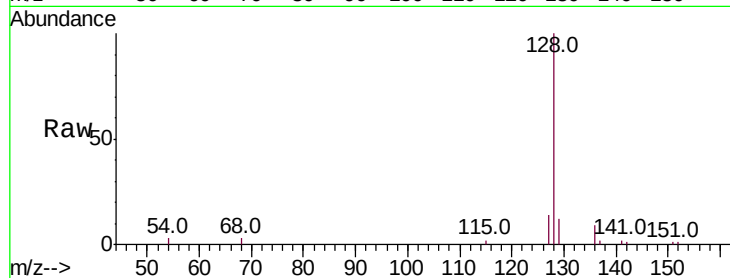
Tot Ion:128 Resp: 8331

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.0

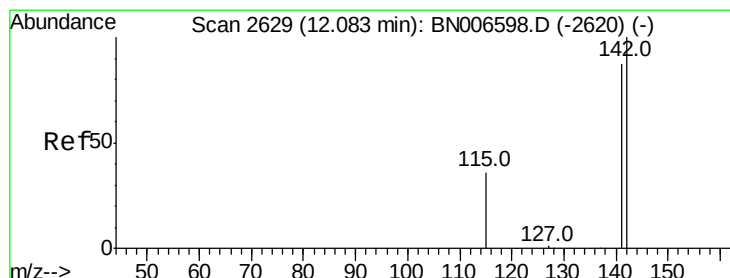
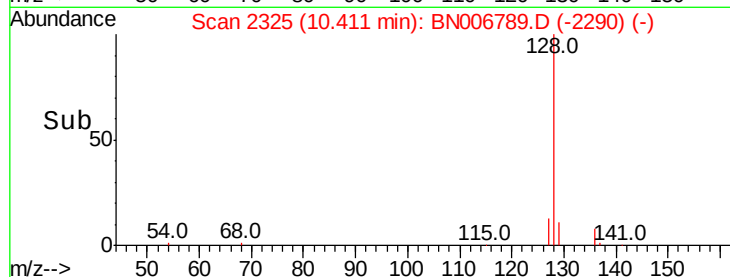
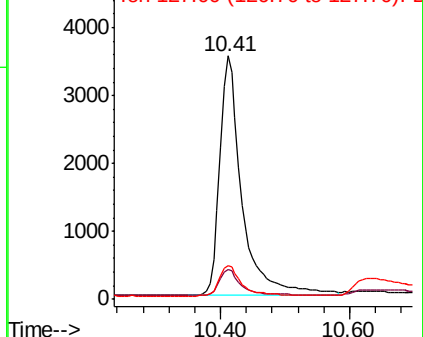
127 13.8 10.6 16.0



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: 0.362 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.02 min

Lab File: BN006789.D

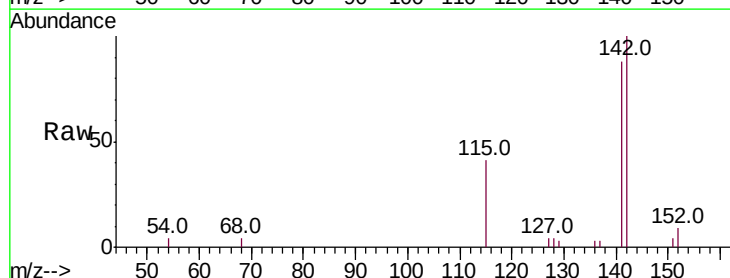
Acq: 11 Jul 2019 10:05

Tgt Ion:142 Resp: 5227

Ion Ratio Lower Upper

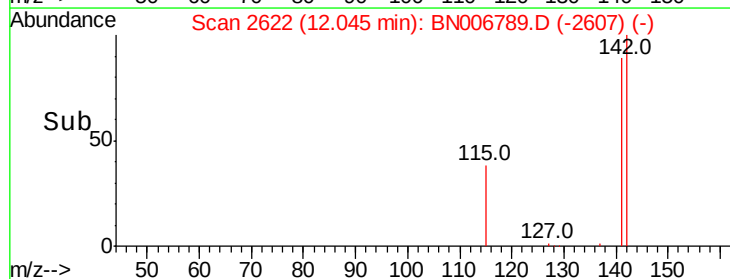
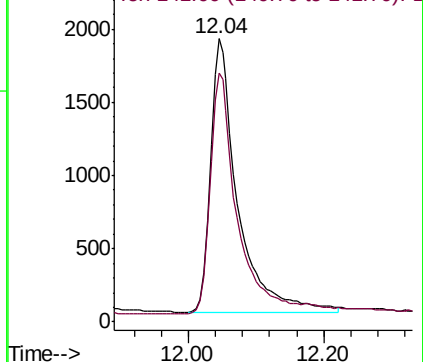
142 100

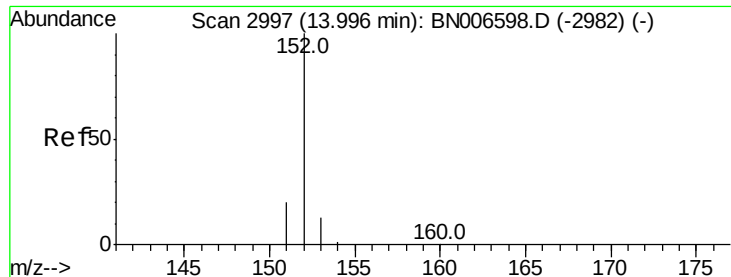
141 90.1 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.353 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BN006789.D

Acq: 11 Jul 2019 10:05

Instrument :

BNA_N

ClientSampleId :

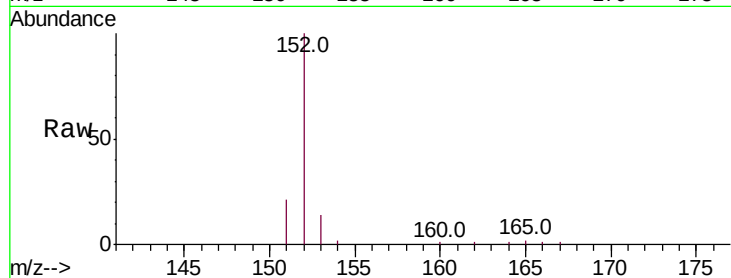
Tot Ion:152 Resp: 7150

Ion Ratio Lower Upper

152 100

151 20.7 16.1 24.1

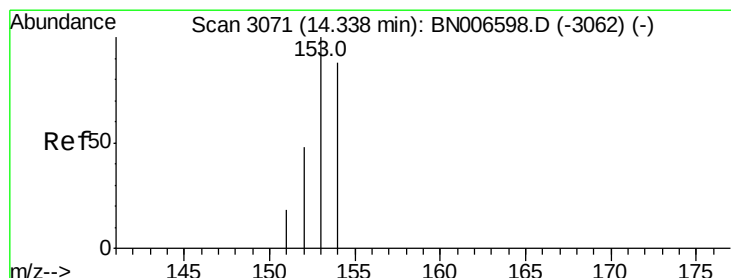
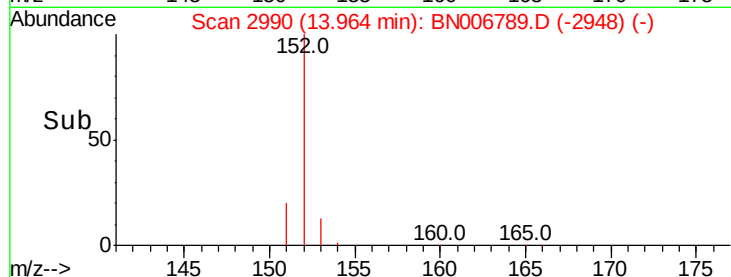
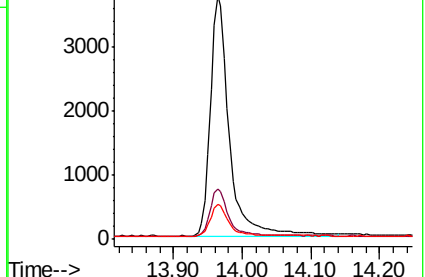
153 14.3 11.2 16.8



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: 0.376 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BN006789.D

Acq: 11 Jul 2019 10:05

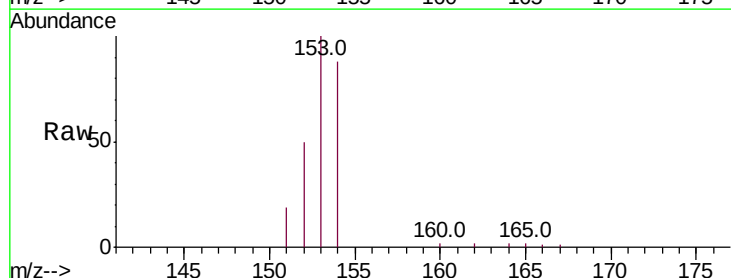
Tgt Ion:153 Resp: 5863

Ion Ratio Lower Upper

153 100

152 50.0 39.3 58.9

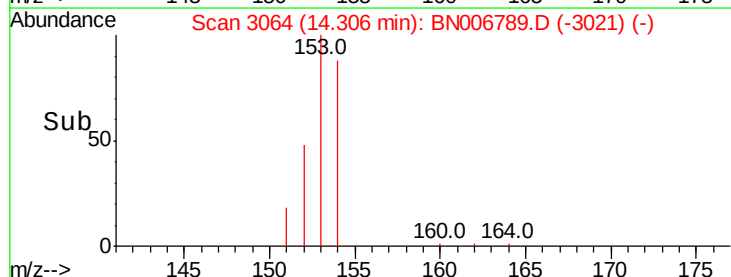
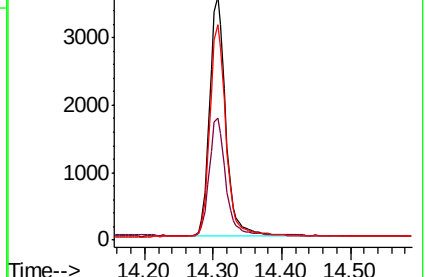
154 88.5 70.6 105.8

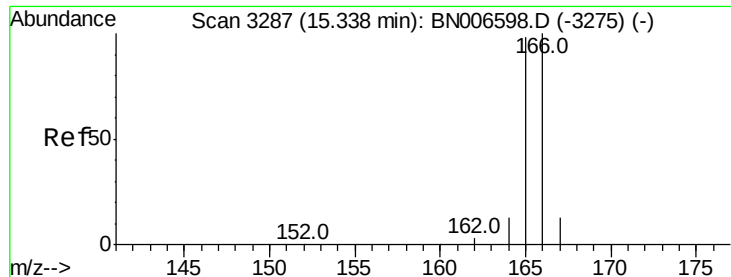


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.363 ng/ul

RT: 15.31 min Scan# 3281

Delta R.T. -0.00 min

Lab File: BN006789.D

Acq: 11 Jul 2019 10:05

Instrument :

BNA_N

ClientSampleId :

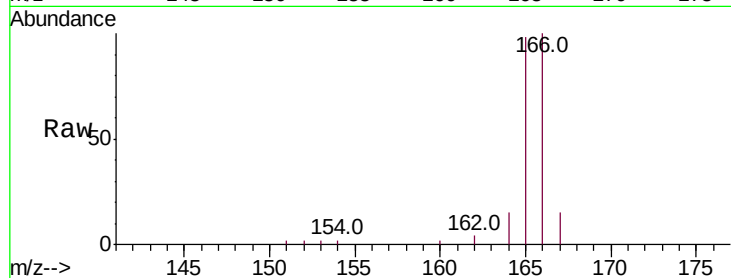
Tot Ion:166 Resp: 6201

Ion Ratio Lower Upper

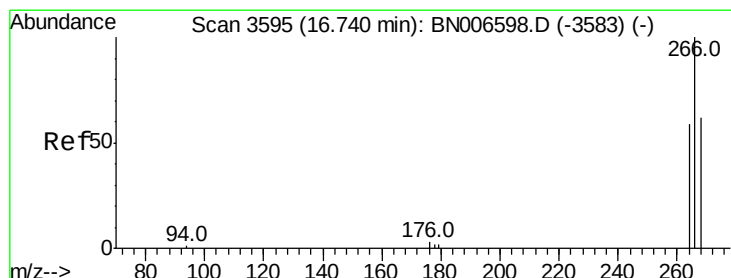
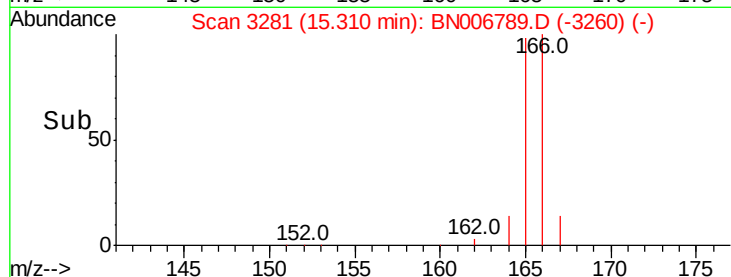
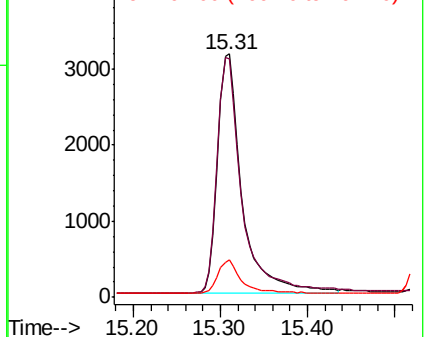
166 100

165 98.0 78.2 117.4

167 15.2 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



#11

Pentachlorophenol

Concen: 0.275 ng/ul

RT: 16.73 min Scan# 3592

Delta R.T. 0.02 min

Lab File: BN006789.D

Acq: 11 Jul 2019 10:05

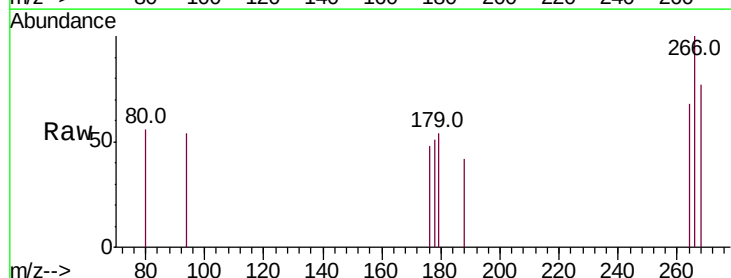
Tgt Ion:266 Resp: 351

Ion Ratio Lower Upper

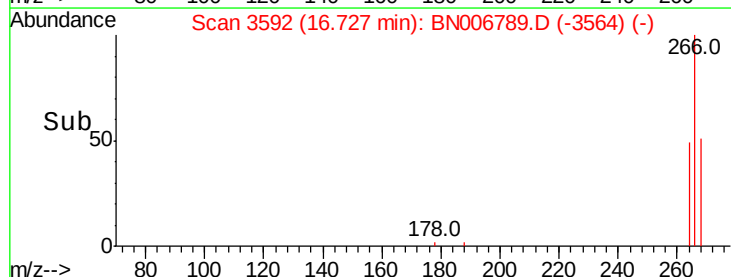
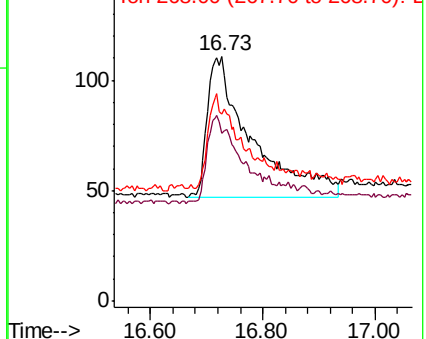
266 100

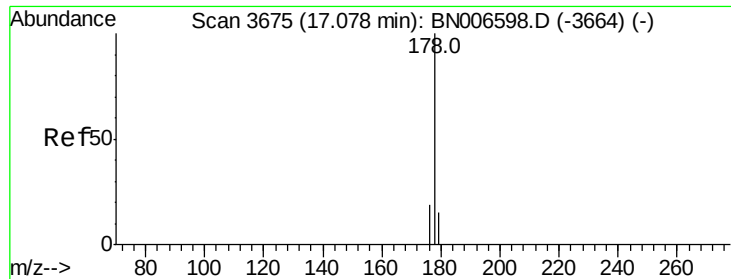
264 66.4 45.9 68.9

268 56.4 48.1 72.1



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: 0.369 ng/ul

RT: 17.05 min Scan# 3669

Delta R.T. -0.00 min

Lab File: BN006789.D

Acq: 11 Jul 2019 10:05

Instrument :

BNA_N

ClientSampleId :

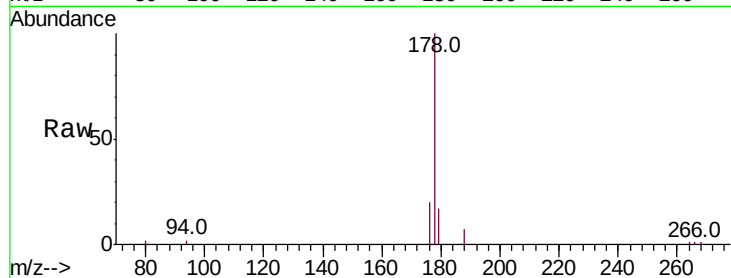
Tot Ion:178 Resp: 10186

Ion Ratio Lower Upper

178 100

179 16.6 12.6 19.0

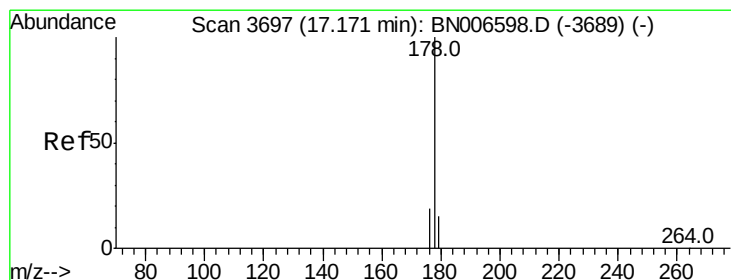
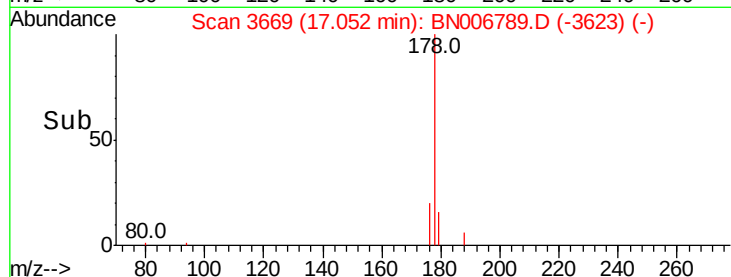
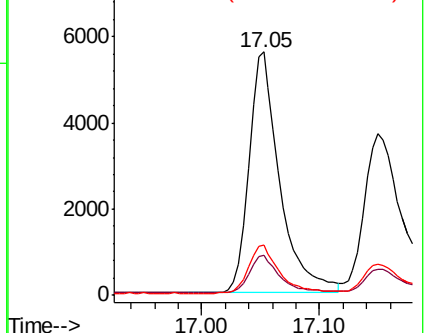
176 20.4 15.8 23.8



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: 0.342 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN006789.D

Acq: 11 Jul 2019 10:05

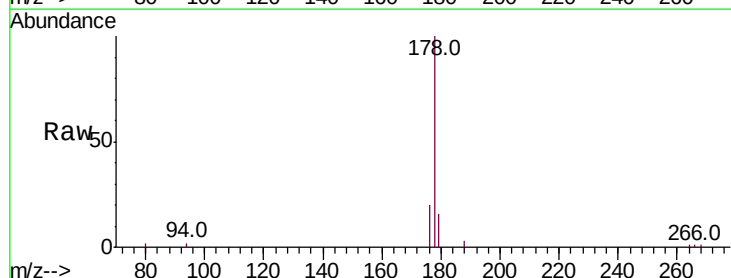
Tgt Ion:178 Resp: 8163

Ion Ratio Lower Upper

178 100

179 16.4 12.7 19.1

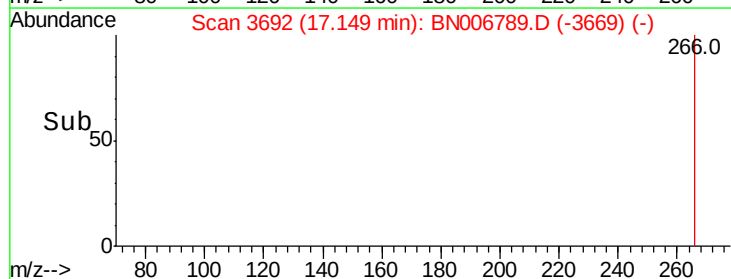
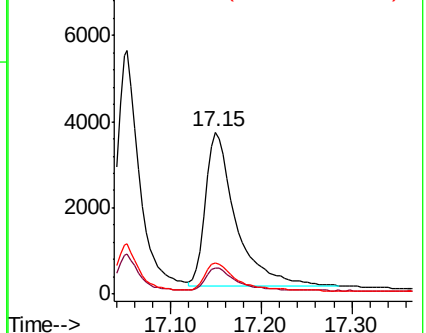
176 19.6 15.8 23.6

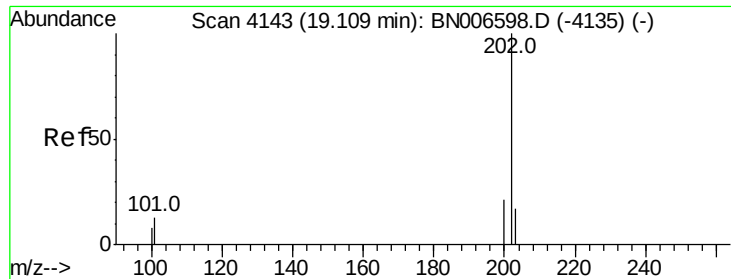


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

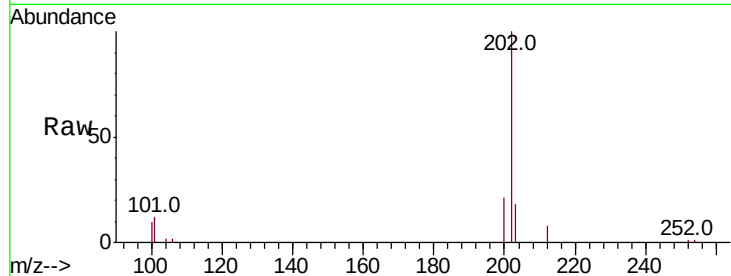




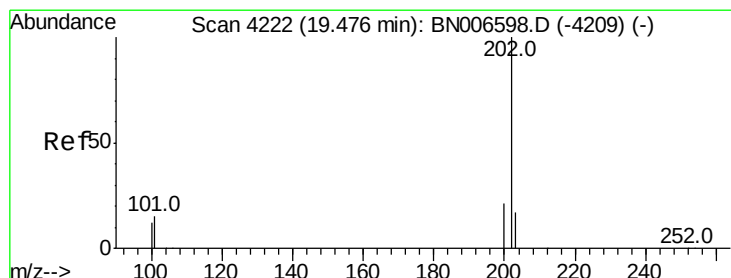
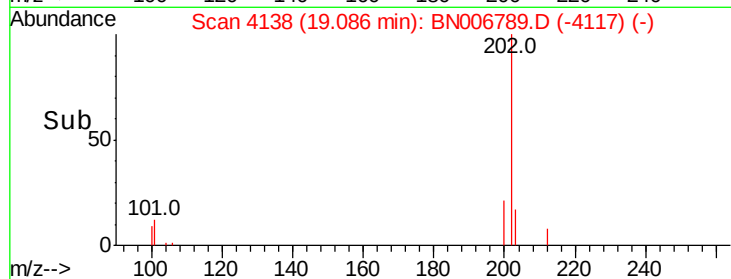
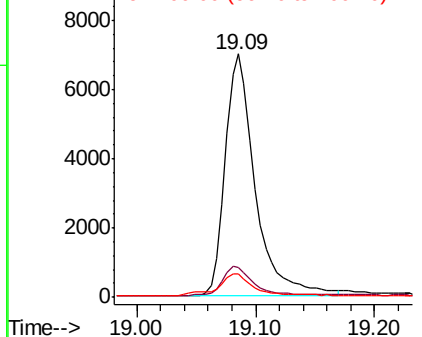
#15
Fluoranthene
Concen: 0.357 ng/ul
RT: 19.09 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN006789.D
Acq: 11 Jul 2019 10:05

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 12194
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
100 9.7 0.0 29.9

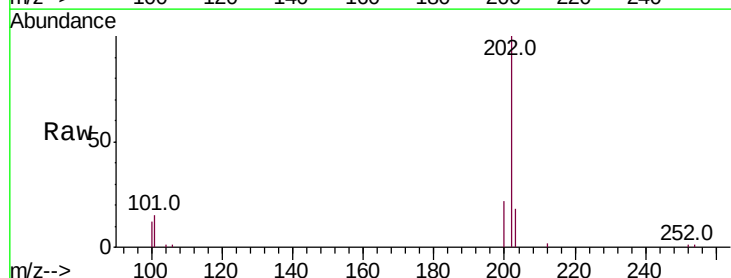


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

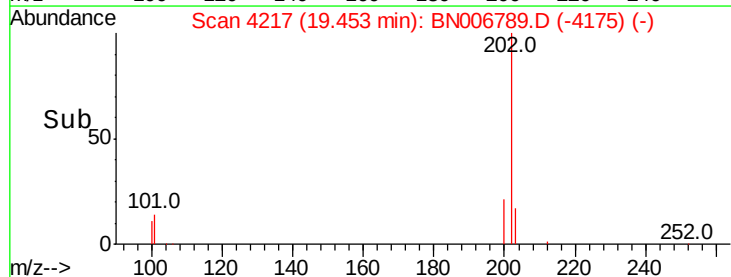
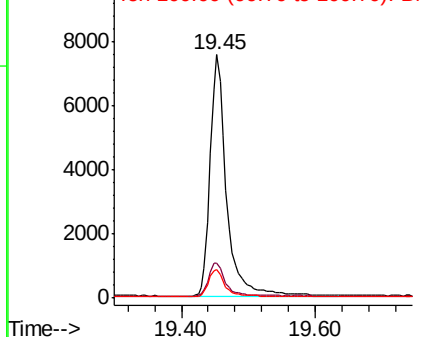


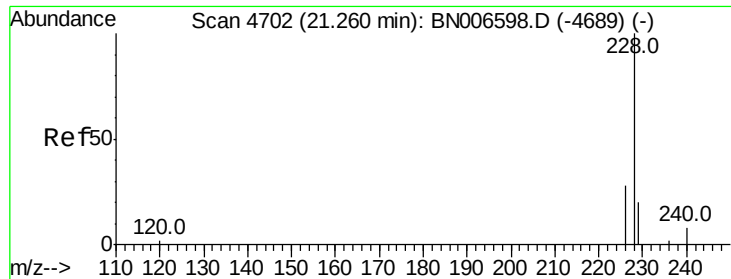
#17
Pyrene
Concen: 0.384 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BN006789.D
Acq: 11 Jul 2019 10:05

Tgt Ion:202 Resp: 12818
Ion Ratio Lower Upper
202 100
101 14.6 12.2 18.2
100 11.5 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

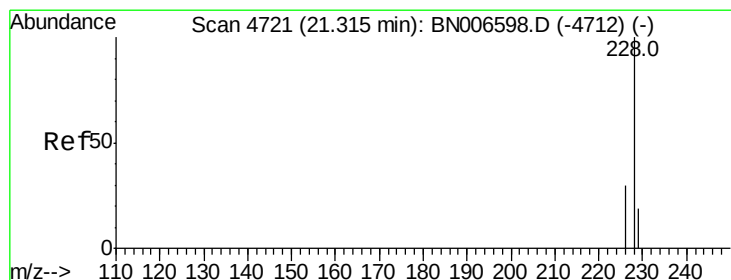
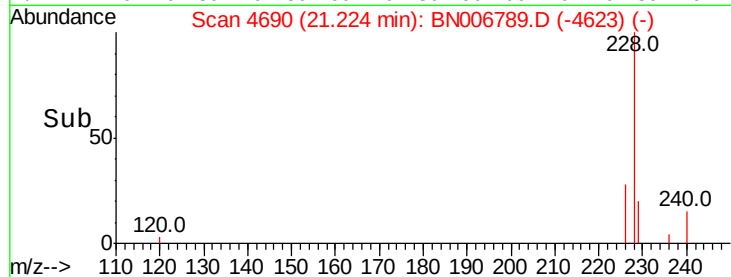
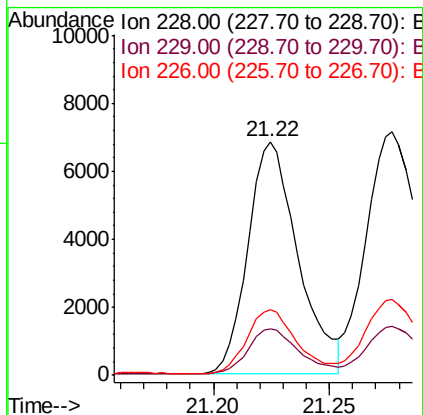
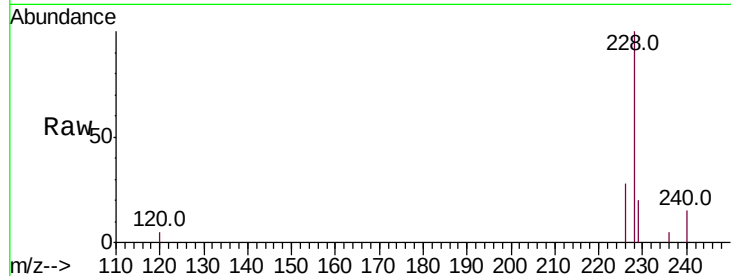




#18
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.22 min Scan# 4690
Delta R.T. -0.01 min
Lab File: BN006789.D
Acq: 11 Jul 2019 10:05

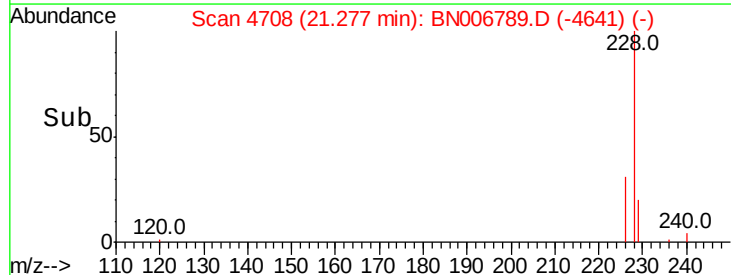
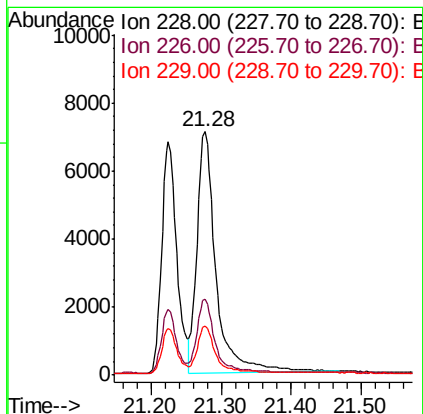
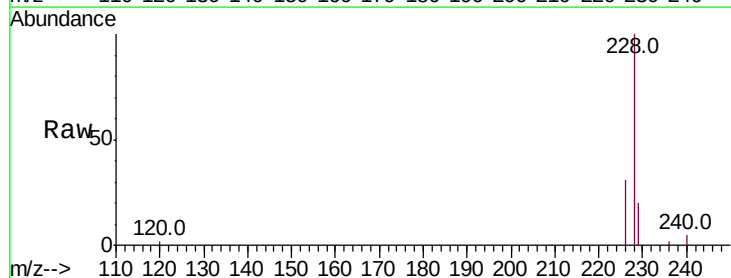
Instrument :
BNA_N
ClientSampled :

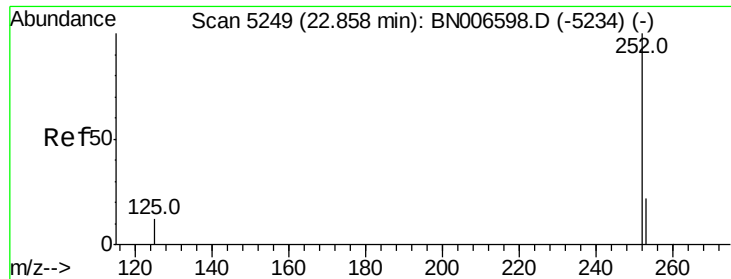
Tot Ion:228 Resp: 10242
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 28.1 22.6 34.0



#19
Chrysene
Concen: 0.399 ng/ul
RT: 21.28 min Scan# 4708
Delta R.T. -0.01 min
Lab File: BN006789.D
Acq: 11 Jul 2019 10:05

Tgt Ion:228 Resp: 13338
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 20.2 15.5 23.3

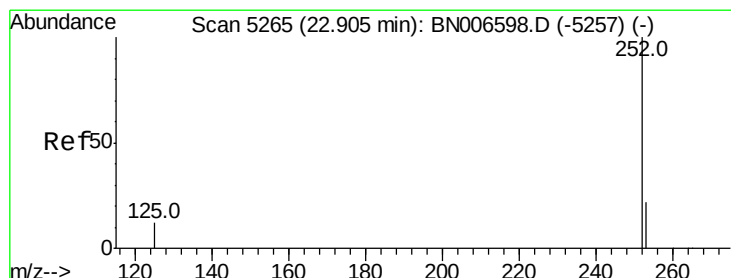
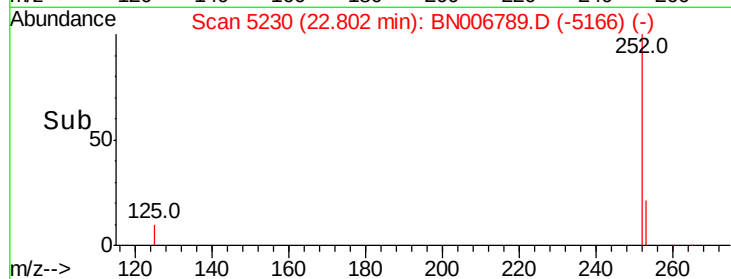
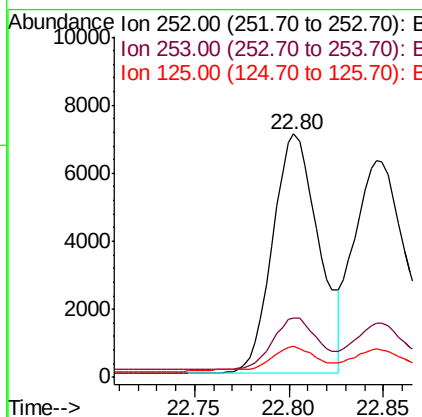
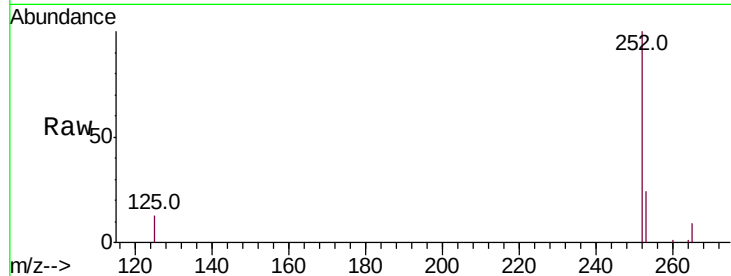




#21
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 22.80 min Scan# 5230
Delta R.T. -0.01 min
Lab File: BN006789.D
Acq: 11 Jul 2019 10:05

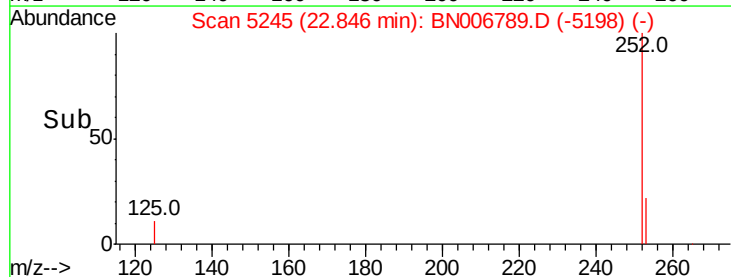
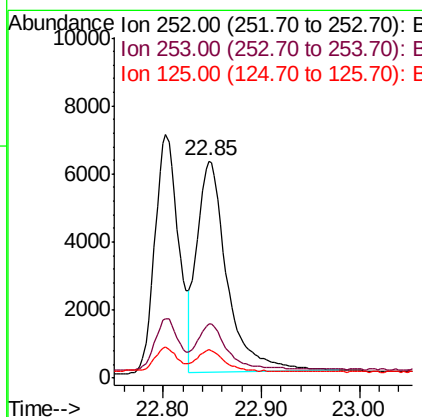
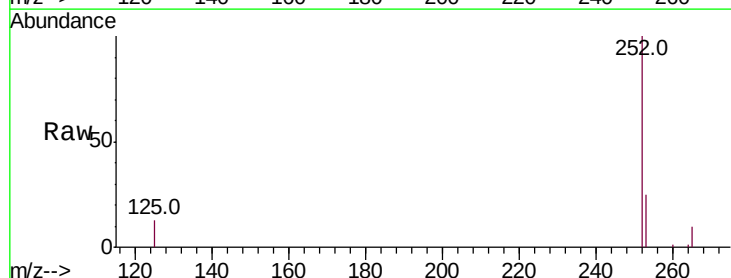
Instrument :
BNA_N
ClientSampled :

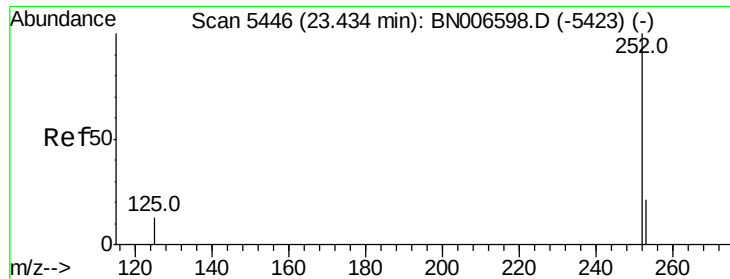
Tot Ion:252 Resp: 11875
Ion Ratio Lower Upper
252 100
253 24.2 0.0 47.8
125 12.7 0.0 29.2



#22
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 22.85 min Scan# 5245
Delta R.T. -0.01 min
Lab File: BN006789.D
Acq: 11 Jul 2019 10:05

Tgt Ion:252 Resp: 13193
Ion Ratio Lower Upper
252 100
253 25.1 19.2 28.8
125 13.2 11.0 16.6





#23

Benzo(a)pyrene

Concen: 0.352 ng/ul

RT: 23.38 min Scan# 5426

Delta R.T. -0.01 min

Lab File: BN006789.D

Acq: 11 Jul 2019 10:05

Instrument :

BNA_N

ClientSampleId :

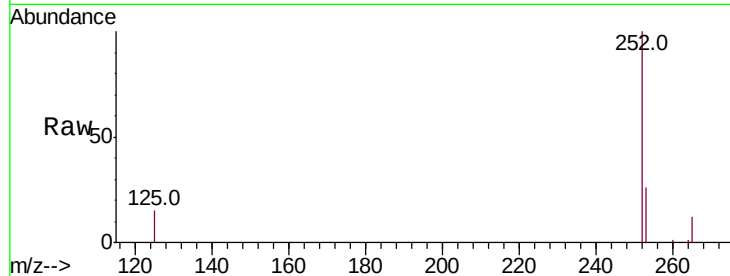
Tot Ion:252 Resp: 11986

Ion Ratio Lower Upper

252 100

253 26.1 19.4 29.2

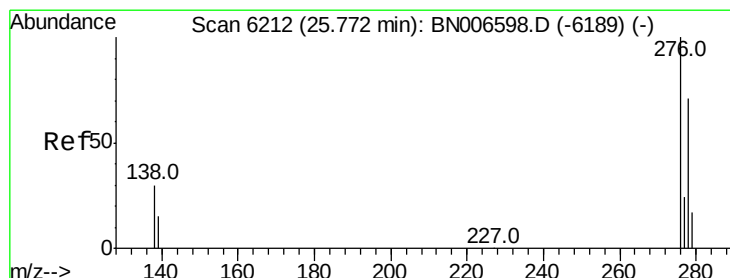
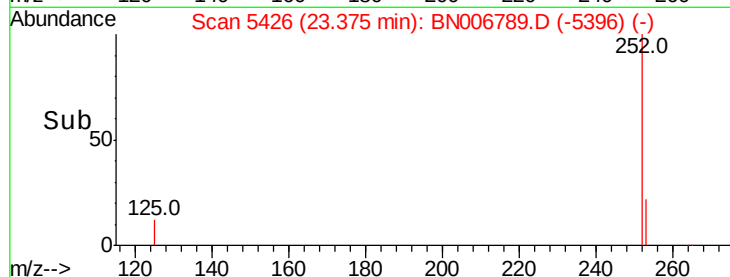
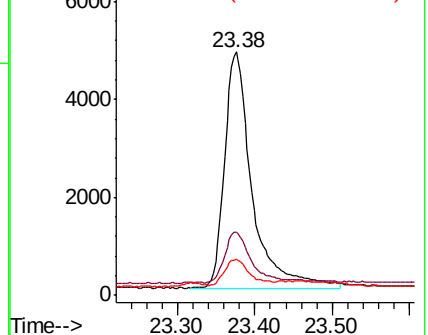
125 14.8 12.6 19.0



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: 0.407 ng/ul

RT: 25.70 min Scan# 6190

Delta R.T. -0.01 min

Lab File: BN006789.D

Acq: 11 Jul 2019 10:05

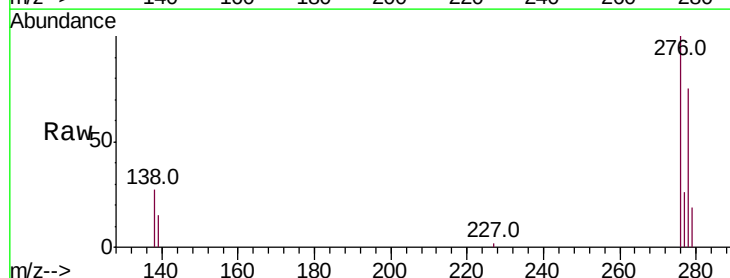
Tgt Ion:276 Resp: 14033

Ion Ratio Lower Upper

276 100

138 26.6 24.3 36.5

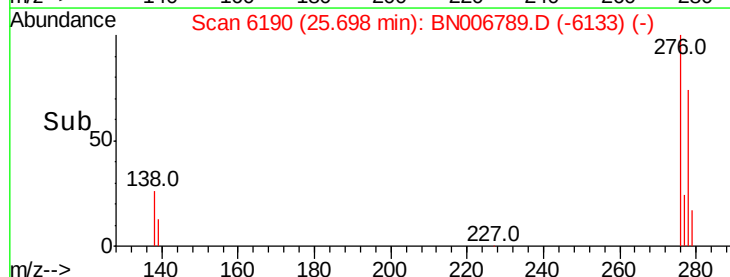
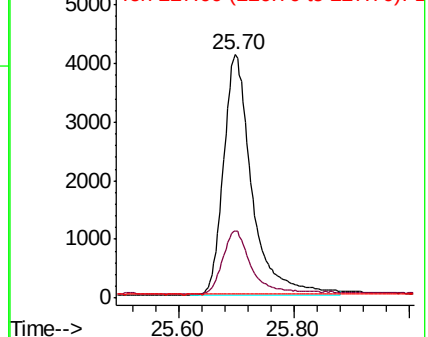
227 0.2 0.2 0.4#

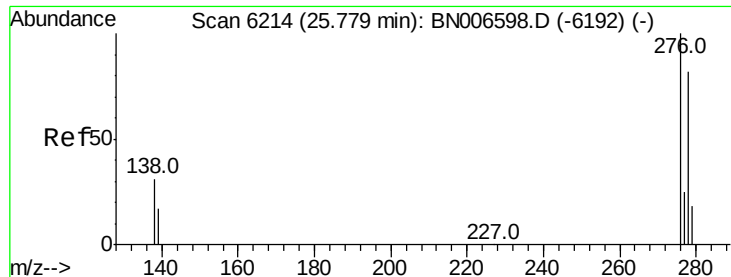


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

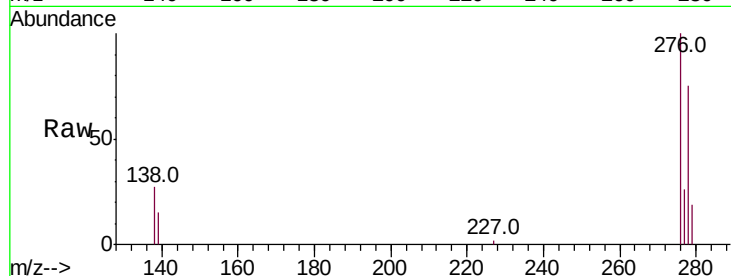




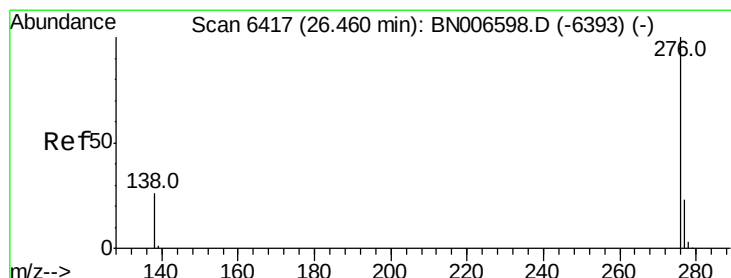
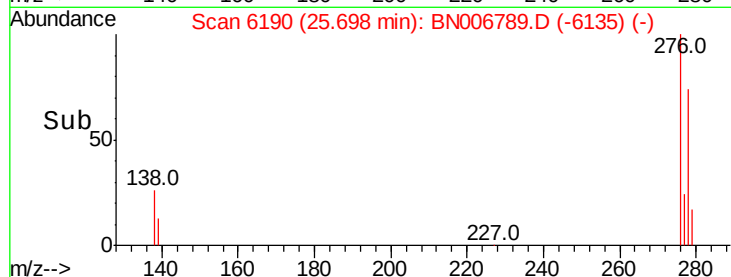
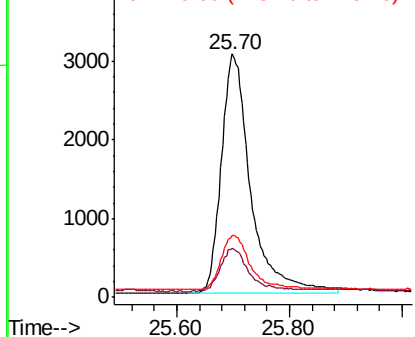
#25
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 25.70 min Scan# 6190
Delta R.T. -0.02 min
Lab File: BN006789.D
Acq: 11 Jul 2019 10:05

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 11047
Ion Ratio Lower Upper
278 100
139 20.0 18.1 27.1
279 25.7 19.8 29.6

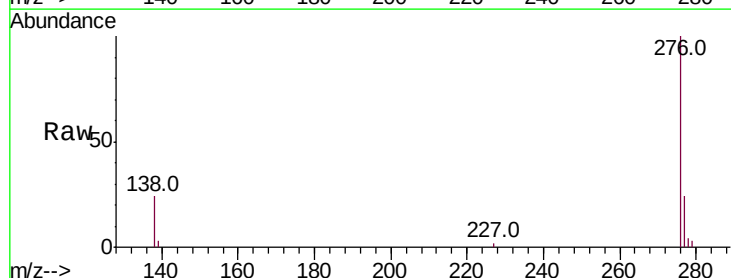


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 26.38 min Scan# 6394
Delta R.T. -0.01 min
Lab File: BN006789.D
Acq: 11 Jul 2019 10:05

Tgt Ion:276 Resp: 12445
Ion Ratio Lower Upper
276 100
138 24.3 22.2 33.2
277 24.3 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

