

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006280.D
 Acq On : 12 Jun 2019 14:15
 Operator : JU/SJ
 Sample : K3231-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8H2

Quant Time: Jun 12 15:10:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

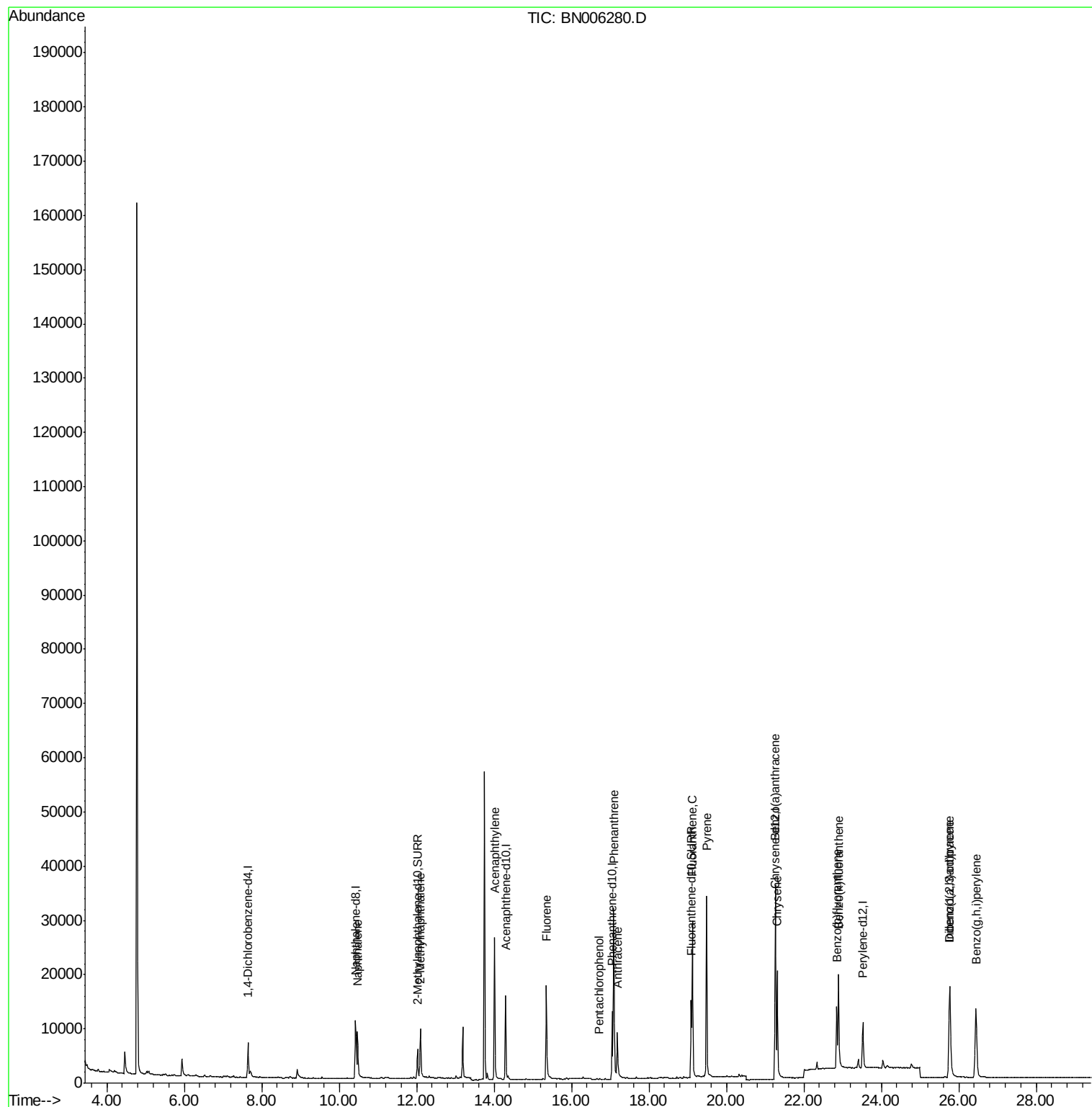
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4258	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16820	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8675	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16300	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	10996	0.40	ng/ul	0.02
20) Perylene-d12	23.52	264	12150	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8500	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	16048	0.37	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	13086	0.282	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	8244	0.255	ng/ul	99
7) Acenaphthylene	14.01	152	31719	0.658	ng/ul	100
9) Fluorene	15.35	166	12681	0.324	ng/ul	98
11) Pentachlorophenol	16.72	266	197	0.048	ng/ul	94
12) Phenanthrene	17.09	178	35209	0.673	ng/ul	99
13) Anthracene	17.19	178	11538	0.231	ng/ul	98
15) Fluoranthene	19.12	202	25207	0.436	ng/ul	97
17) Pyrene	19.49	202	29283	0.506	ng/ul	99
18) Benzo(a)anthracene	21.26	228	31022	0.638	ng/ul	99
19) Chrysene	21.31	228	20608	0.451	ng/ul	99
21) Benzo(b)fluoranthene	22.86	252	13349	0.263	ng/ul	92
22) Benzo(k)fluoranthene	22.90	252	24594	0.498	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.76	276	20184	0.395	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.78	278	17747	0.435	ng/ul	95
26) Benzo(a,h,i)perylene	26.45	276	26966	0.630	ng/ul	95

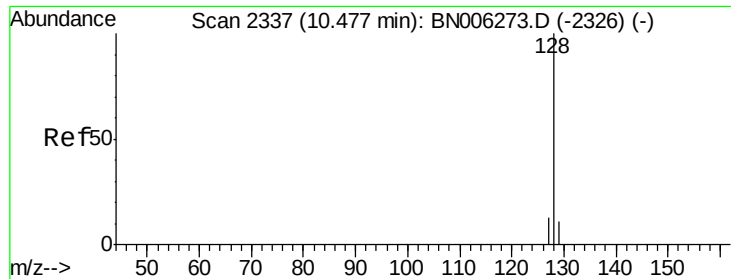
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.282 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006280.D

Acq: 12 Jun 2019 14:15

Instrument :

BNA_N

ClientSampleId :

DB8H2

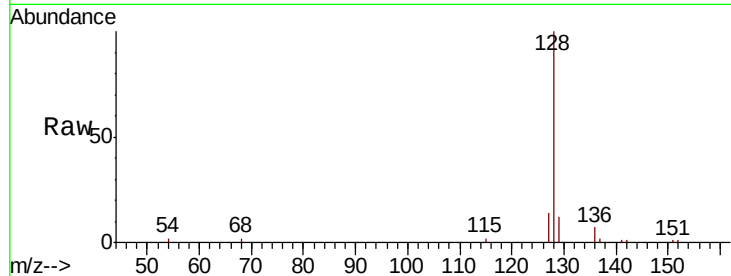
Tot Ion:128 Resp: 13086

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

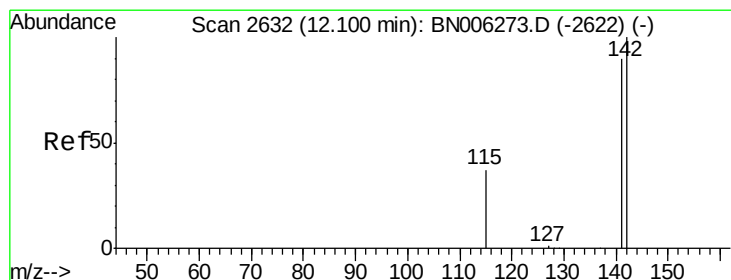
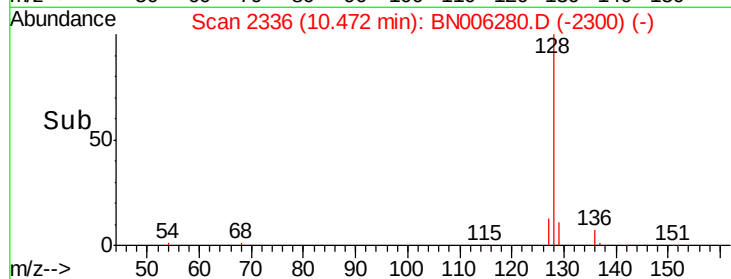
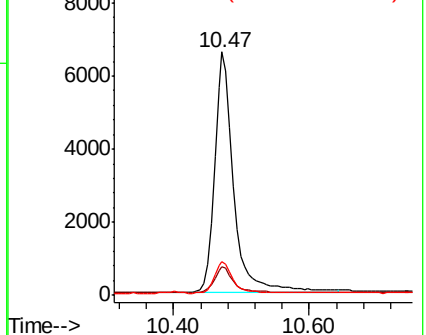
127 13.6 10.7 16.1



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: 0.255 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006280.D

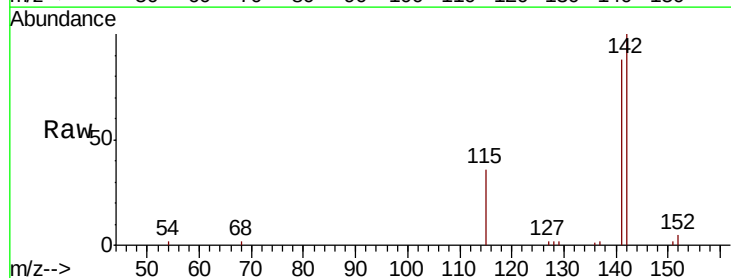
Acq: 12 Jun 2019 14:15

Tgt Ion:142 Resp: 8244

Ion Ratio Lower Upper

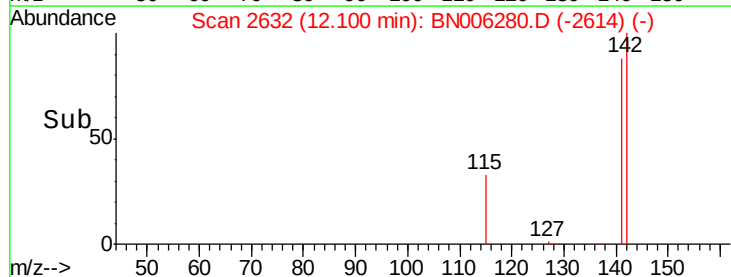
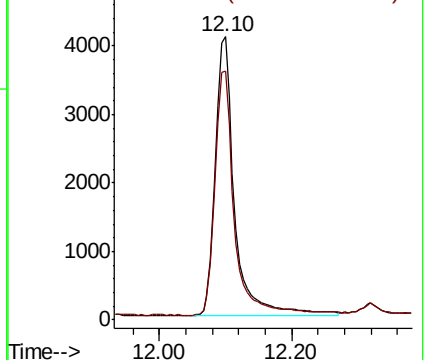
142 100

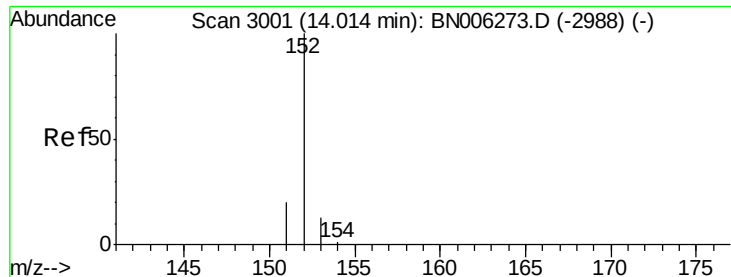
141 88.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.658 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006280.D

Acq: 12 Jun 2019 14:15

Instrument :

BNA_N

ClientSampleId :

DB8H2

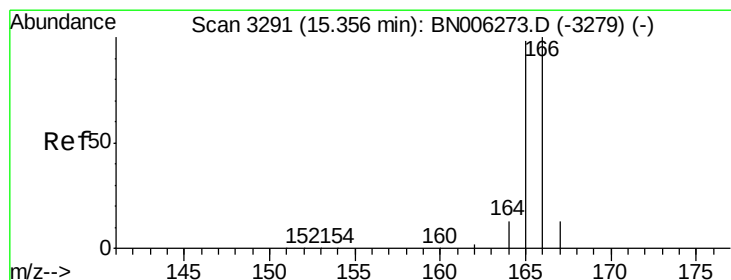
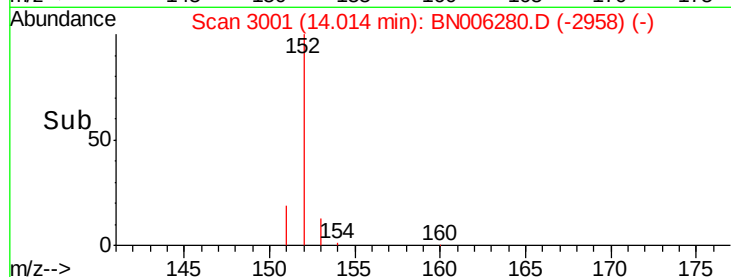
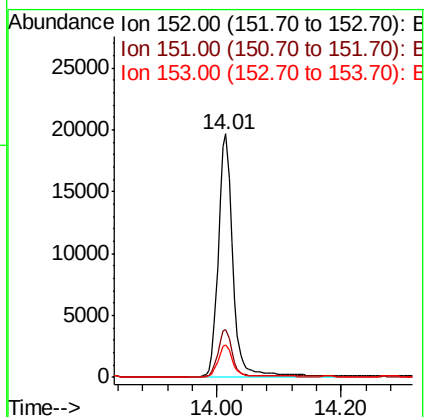
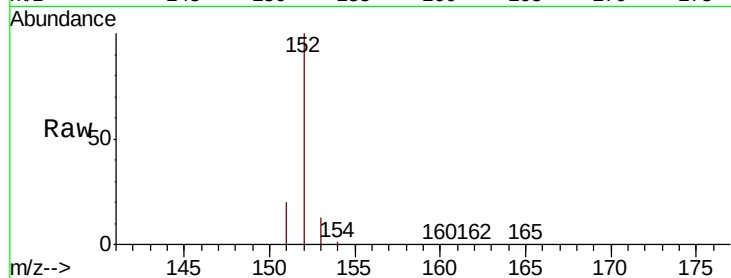
Tot Ion:152 Resp: 31719

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.4 10.8 16.2



#9

Fluorene

Concen: 0.324 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006280.D

Acq: 12 Jun 2019 14:15

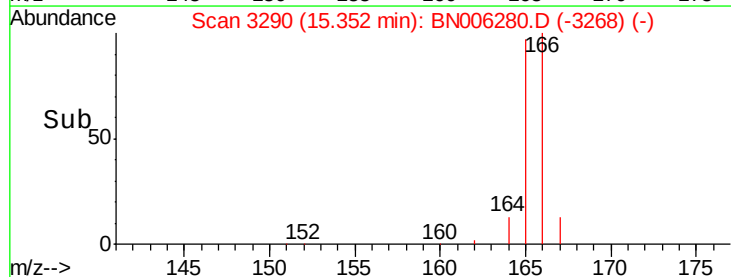
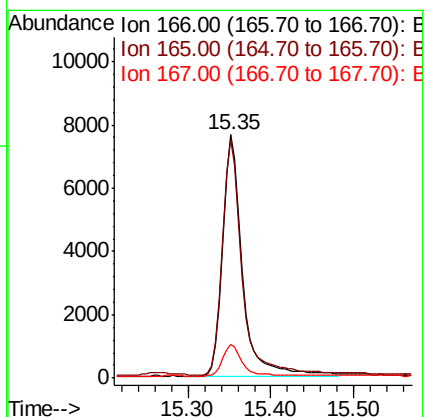
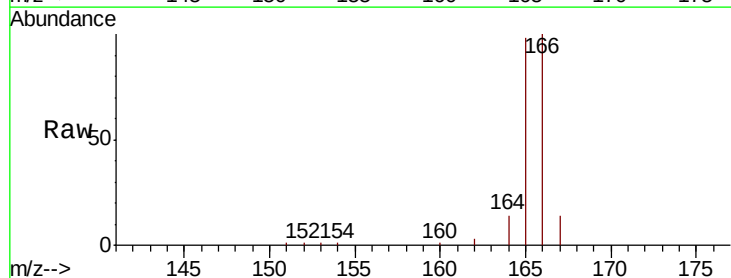
Tgt Ion:166 Resp: 12681

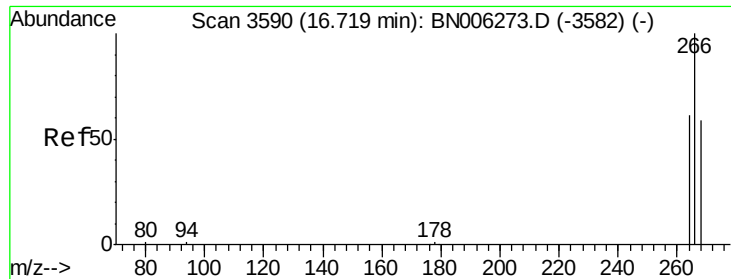
Ion Ratio Lower Upper

166 100

165 98.1 76.4 114.6

167 14.0 11.0 16.6

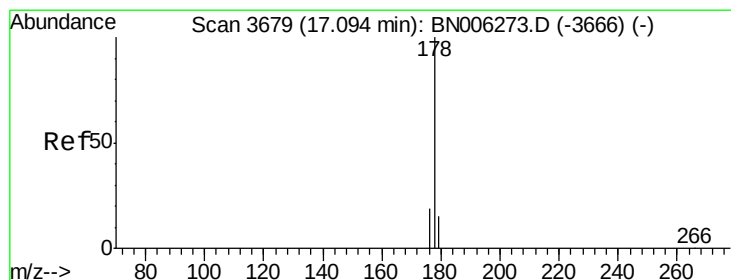
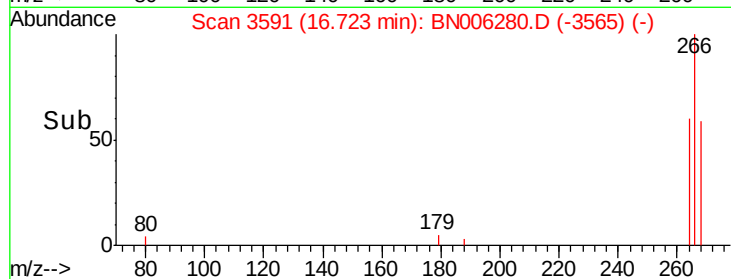
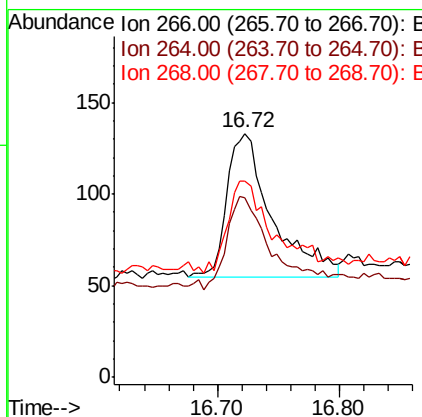
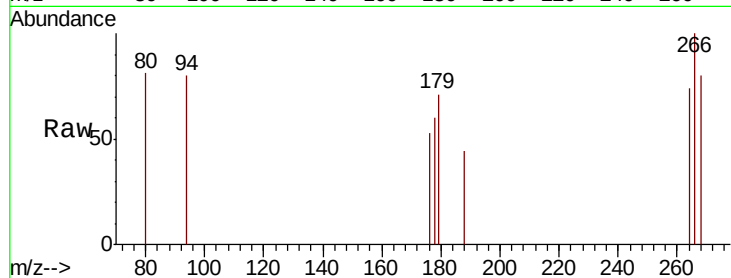




#11
 Pentachlorophenol
 Concen: 0.048 ng/ul
 RT: 16.72 min Scan# 3591
 Delta R.T. 0.01 min
 Lab File: BN006280.D
 Acq: 12 Jun 2019 14:15

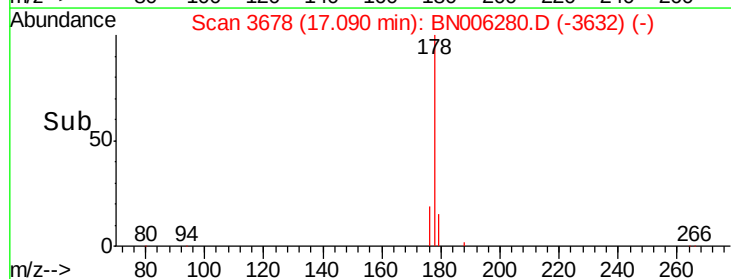
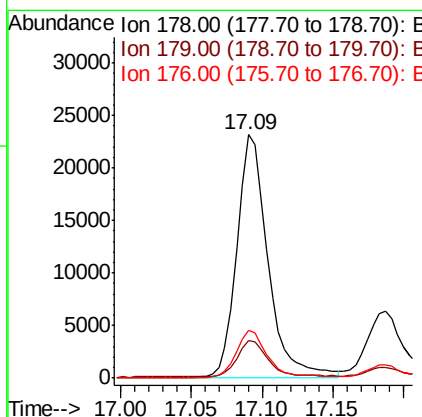
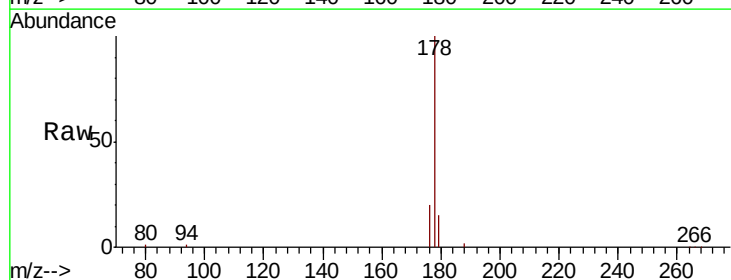
Instrument :
 BNA_N
 ClientSampleId :
 DB8H2

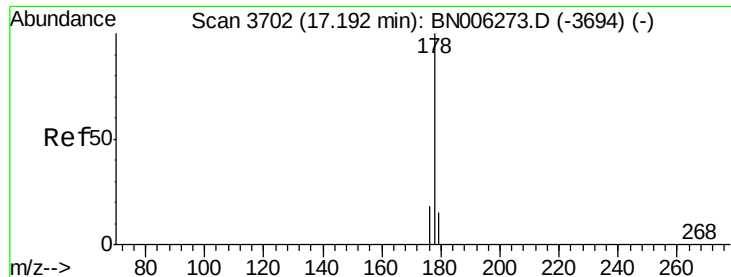
Tot Ion:	266	Resp:	197
Ion	Ratio	Lower	Upper
266	100		
264	71.1	50.3	75.5
268	65.5	51.3	76.9



#12
 Phenanthrene
 Concen: 0.673 ng/ul
 RT: 17.09 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN006280.D
 Acq: 12 Jun 2019 14:15

Tgt Ion:	178	Resp:	35209
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.6	15.3	22.9

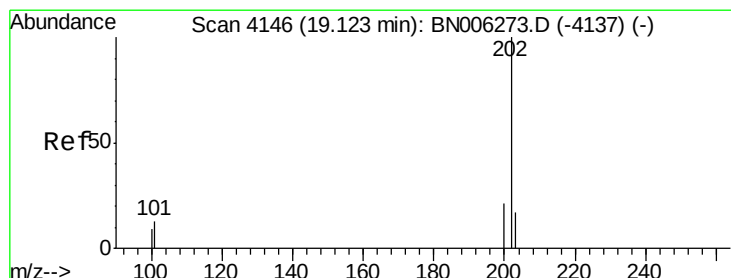
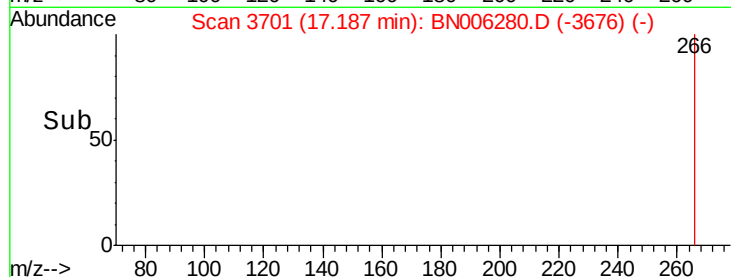
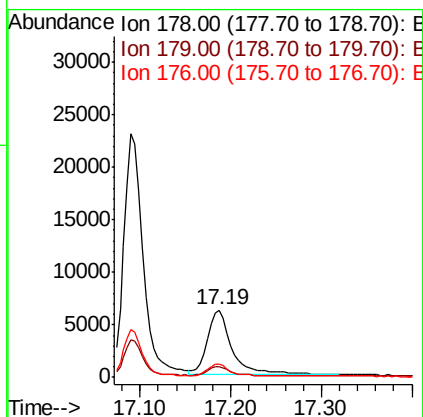
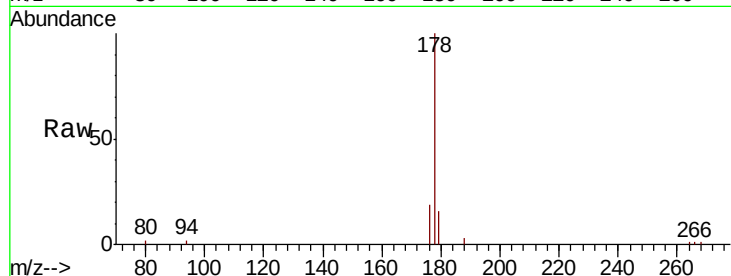




#13
 Anthracene
 Concen: 0.231 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: BN006280.D
 Acq: 12 Jun 2019 14:15

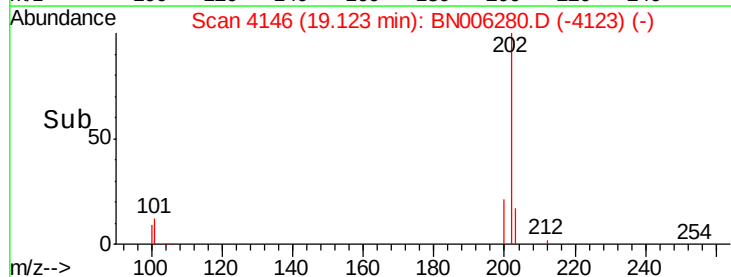
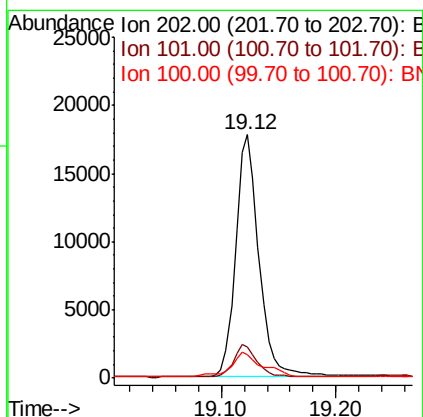
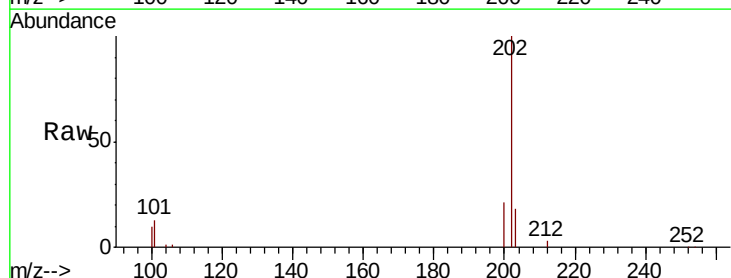
Instrument :
 BNA_N
 ClientSampleId :
 DB8H2

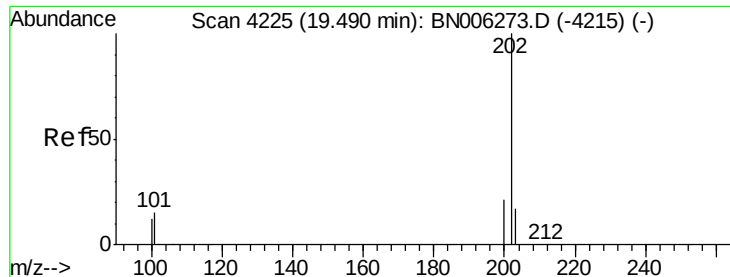
Tot Ion:178 Resp: 11538
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.2 18.4
 176 19.3 15.1 22.7



#15
 Fluoranthene
 Concen: 0.436 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN006280.D
 Acq: 12 Jun 2019 14:15

Tgt Ion:202 Resp: 25207
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 32.1
 100 9.8 0.0 28.7





#17

Pvrene

Concen: 0.506 ng/ul

RT: 19.49 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN006280.D

Acq: 12 Jun 2019 14:15

Instrument :

BNA_N

ClientSampleId :

DB8H2

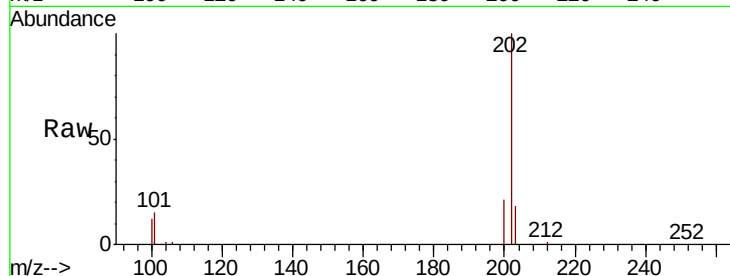
Tot Ion:202 Resp: 29283

Ion Ratio Lower Upper

202 100

101 14.6 12.2 18.2

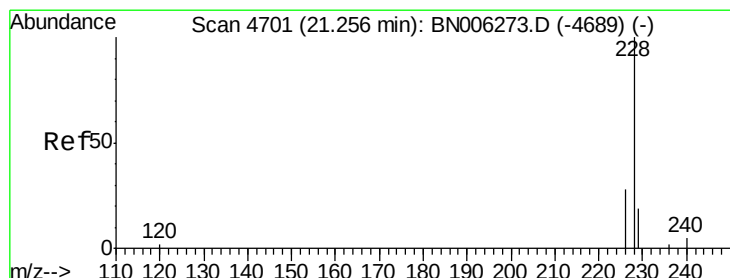
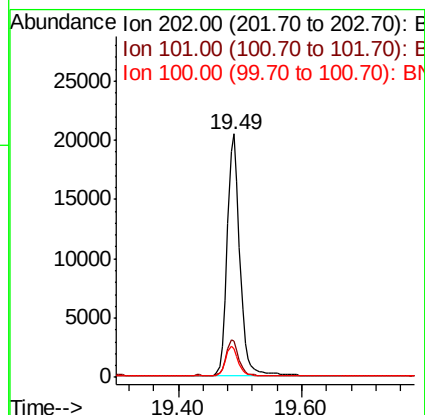
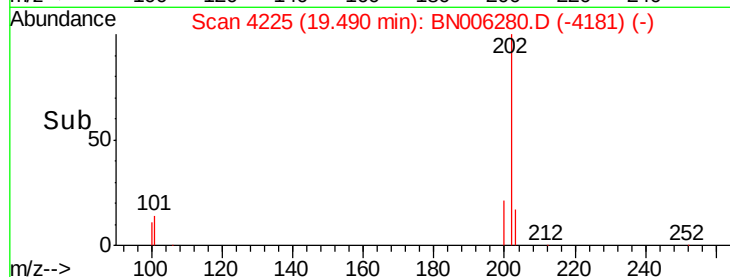
100 11.8 9.8 14.6



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: 0.638 ng/ul

RT: 21.26 min Scan# 4703

Delta R.T. 0.01 min

Lab File: BN006280.D

Acq: 12 Jun 2019 14:15

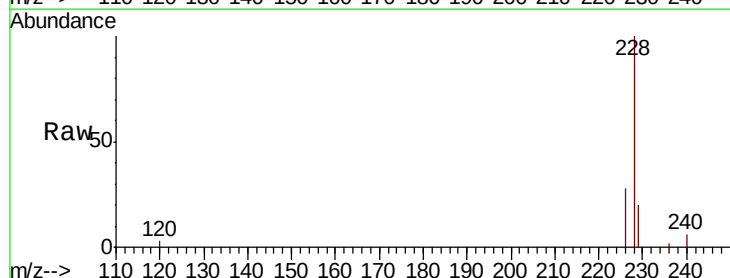
Tgt Ion:228 Resp: 31022

Ion Ratio Lower Upper

228 100

229 20.1 16.5 24.7

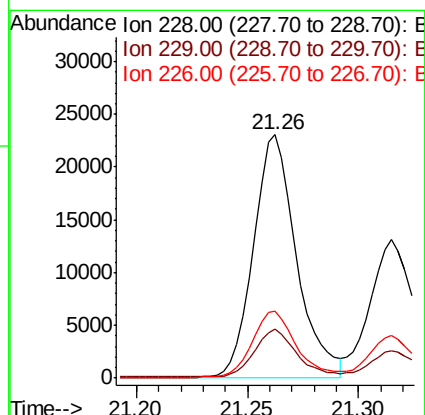
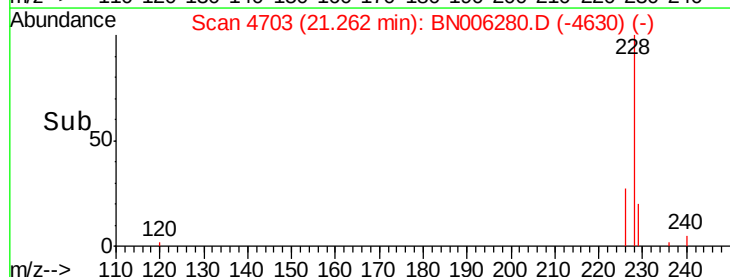
226 27.6 22.8 34.2

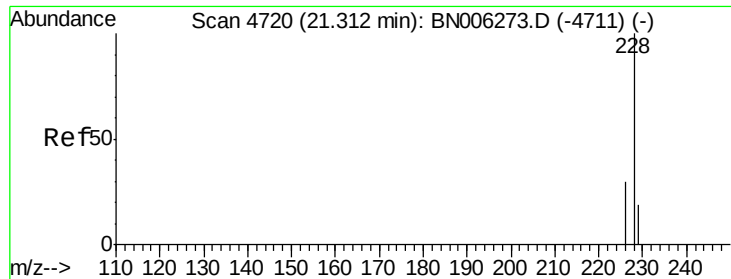


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.451 ng/ul

RT: 21.31 min Scan# 4721

Delta R.T. 0.01 min

Lab File: BN006280.D

Acq: 12 Jun 2019 14:15

Instrument :

BNA_N

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DB8H2

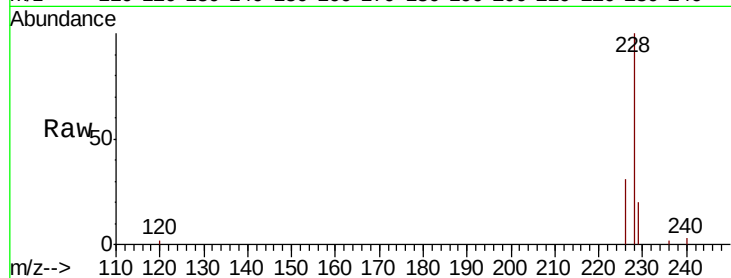
Tot Ion:228 Resp: 20608

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

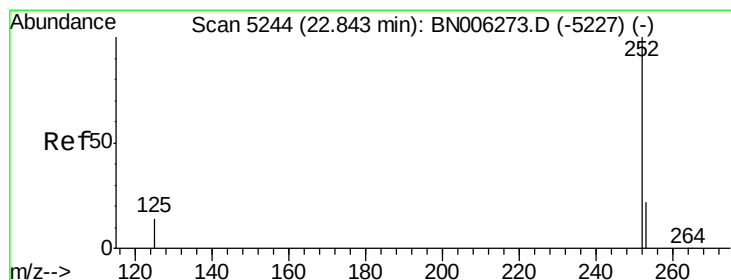
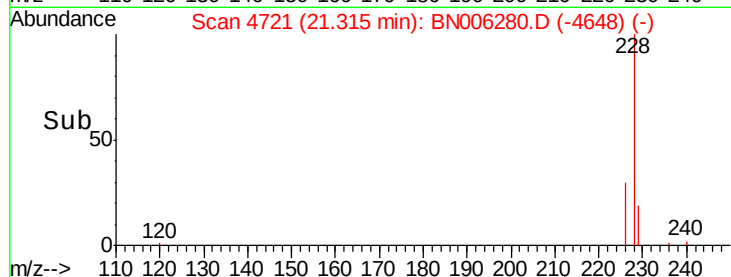
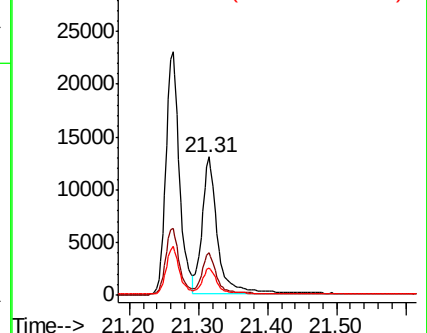
229 20.0 16.3 24.5



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: 0.263 ng/ul

RT: 22.86 min Scan# 5248

Delta R.T. 0.03 min

Lab File: BN006280.D

Acq: 12 Jun 2019 14:15

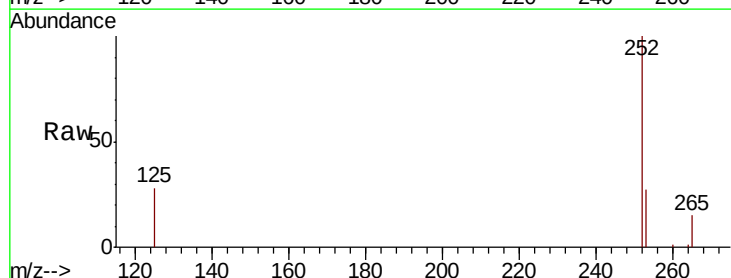
Tgt Ion:252 Resp: 13349

Ion Ratio Lower Upper

252 100

253 26.7 0.0 51.4

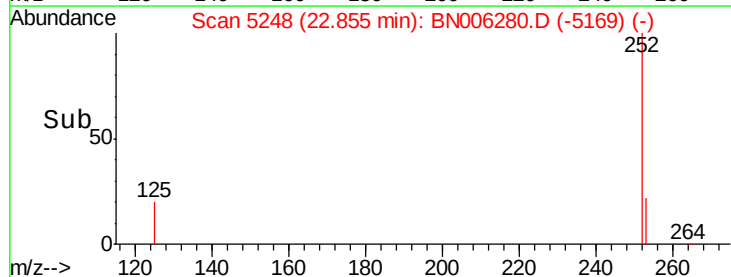
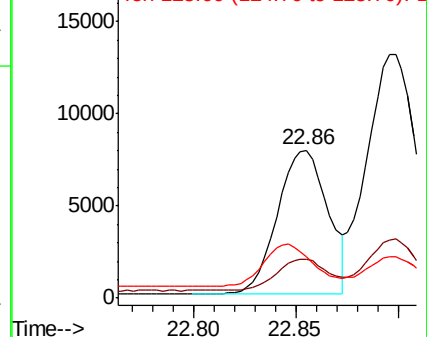
125 27.7 0.0 41.0

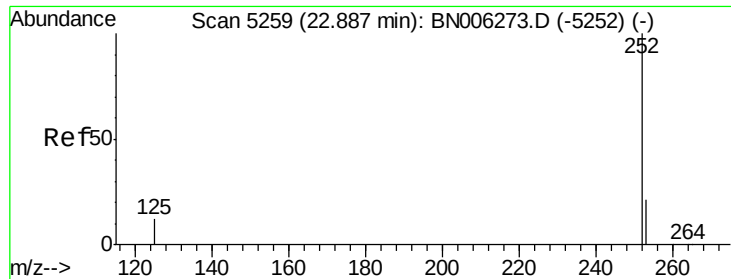


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.498 ng/ul

RT: 22.90 min Scan# 5263

Delta R.T. 0.03 min

Lab File: BN006280.D

Acq: 12 Jun 2019 14:15

Instrument :

BNA_N

ClientSampleId :

DB8H2

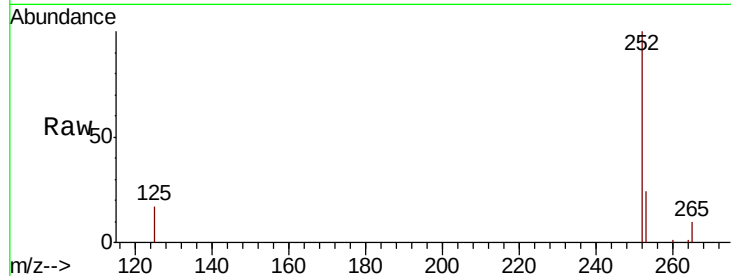
Tot Ion:252 Resp: 24594

Ion Ratio Lower Upper

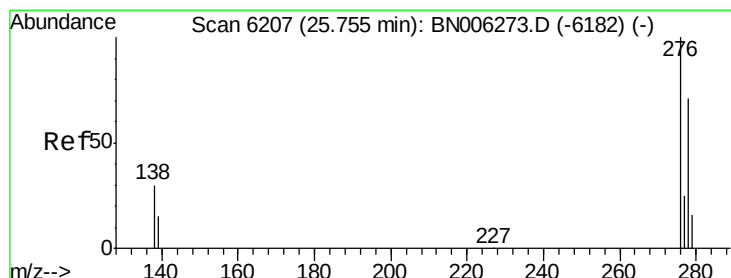
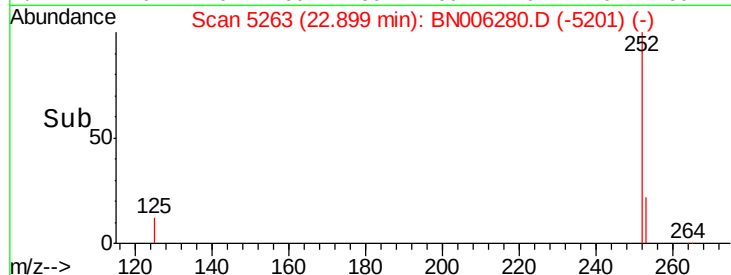
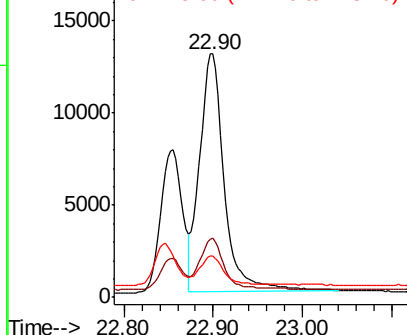
252 100

253 24.4 20.3 30.5

125 16.9 14.3 21.5



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: 0.395 ng/ul

RT: 25.76 min Scan# 6209

Delta R.T. 0.04 min

Lab File: BN006280.D

Acq: 12 Jun 2019 14:15

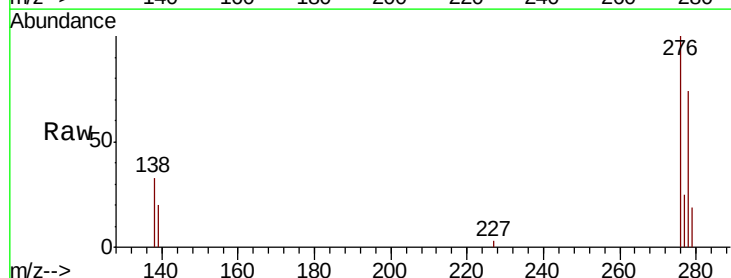
Tgt Ion:276 Resp: 20184

Ion Ratio Lower Upper

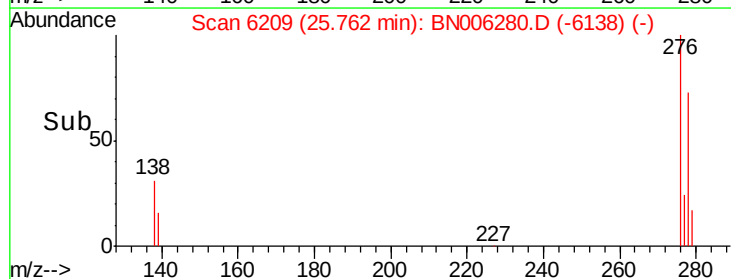
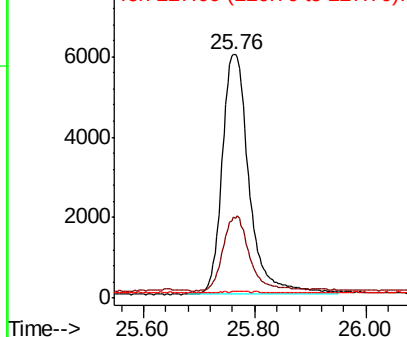
276 100

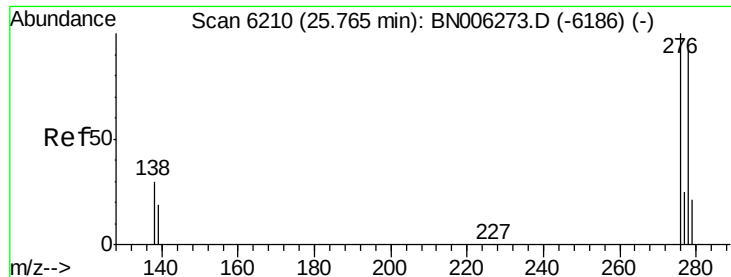
138 30.8 25.6 38.4

227 0.2 0.3 0.5#



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

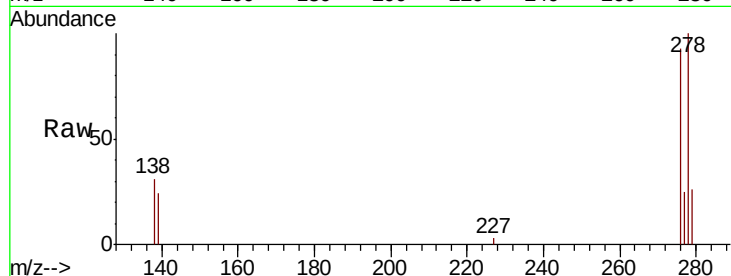




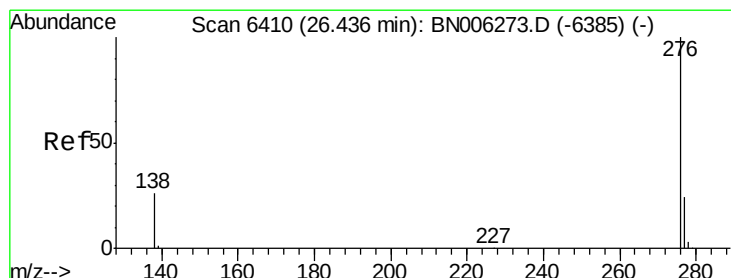
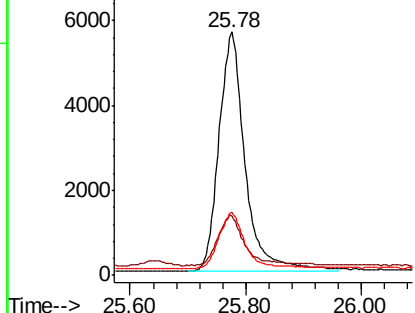
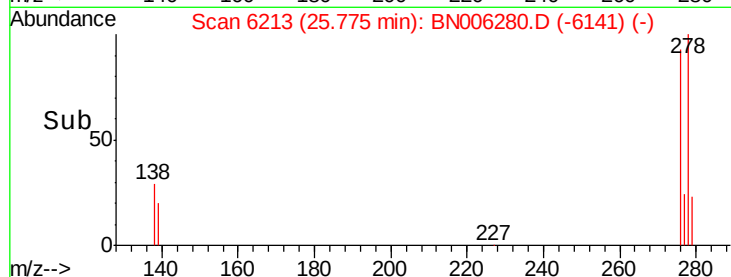
#25
Dibenzo(a,h)anthracene
Concen: 0.435 ng/ul
RT: 25.78 min Scan# 6213
Delta R.T. 0.04 min
Lab File: BN006280.D
Acq: 12 Jun 2019 14:15

Instrument :
BNA_N
ClientSampleId :
DB8H2

Tot Ion:278 Resp: 17747
Ion Ratio Lower Upper
278 100
139 24.1 21.2 31.8
279 25.9 22.6 33.8

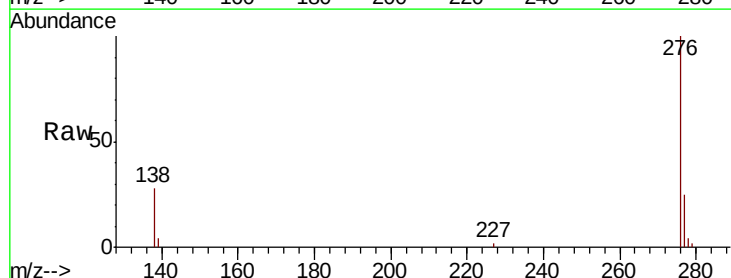


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.630 ng/ul
RT: 26.45 min Scan# 6413
Delta R.T. 0.04 min
Lab File: BN006280.D
Acq: 12 Jun 2019 14:15

Tgt Ion:276 Resp: 26966
Ion Ratio Lower Upper
276 100
138 27.8 24.2 36.4
277 24.6 21.5 32.3



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

