

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
 Data File : BN006944.D
 Acq On : 22 Jul 2019 13:54
 Operator : HP/JU
 Sample : K3770-03DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2H33DL

Quant Time: Jul 22 14:38:17 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 : Fri Jul 19 23:29:55 2019
 Response via : Initial Calibration

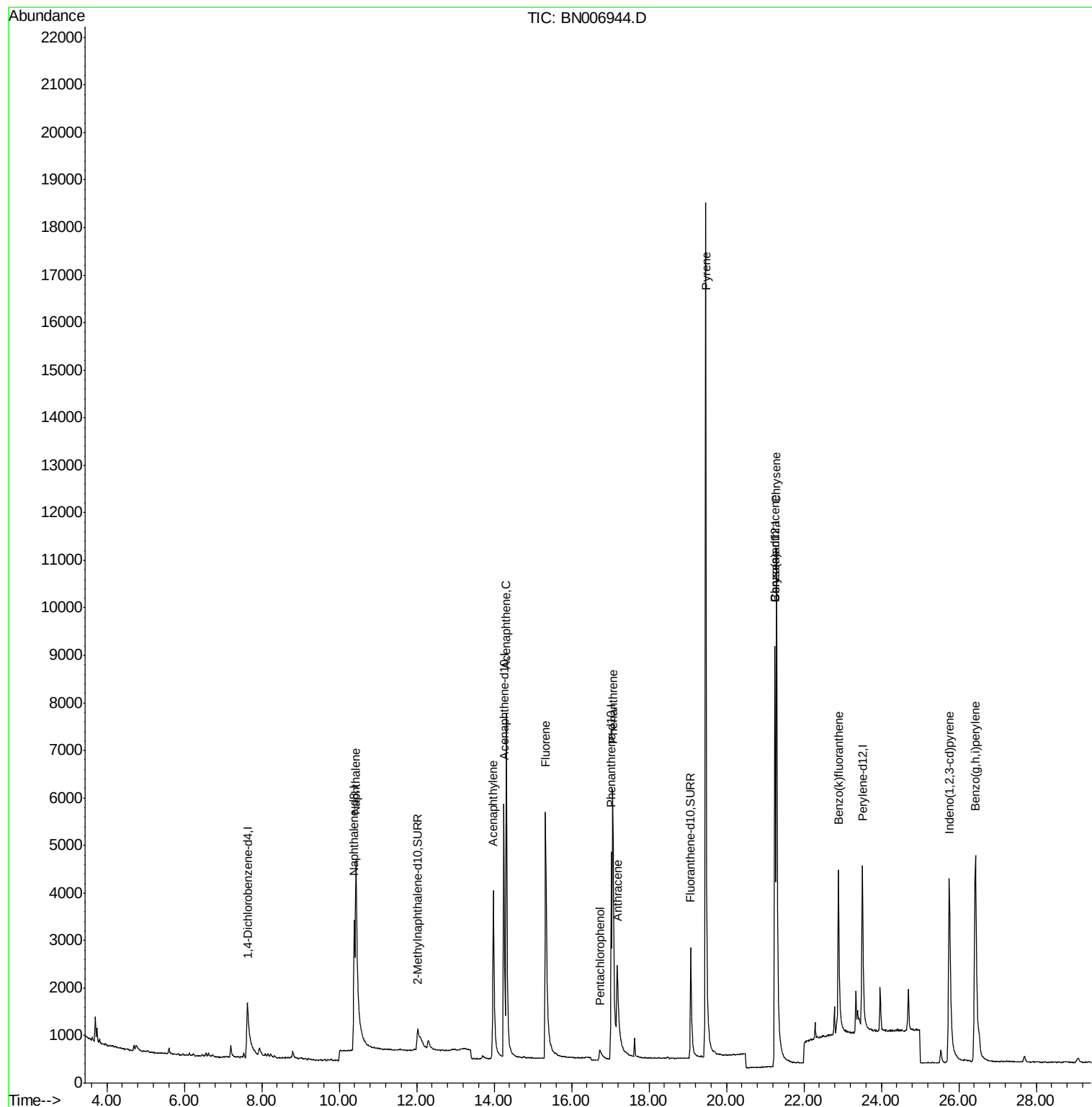
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1897	0.40	ng/ul	0.02
2) Naphthalene-d8	10.38	136	7410	0.40	ng/ul	0.02
6) Acenaphthene-d10	14.25	164	3947	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8041	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	5661	0.40	ng/ul	0.02
20) Perylene-d12	23.51	264	6309	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1792	0.16	ng/ul	0.04
14) Fluoranthene-d10	19.08	212	3860	0.16	ng/ul	0.02
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	10602	0.498	ng/ul	96
7) Acenaphthylene	13.98	152	7308	0.359	ng/ul	98
8) Acenaphthene	14.31	153	6160	0.392	ng/ul	98
9) Fluorene	15.33	166	7141	0.415	ng/ul	98
11) Pentachlorophenol	16.73	266	593	0.495	ng/ul	96
12) Phenanthrene	17.07	178	9391	0.363	ng/ul	98
13) Anthracene	17.18	178	3924	0.176	ng/ul	94
17) Pyrene	19.46	202	23321	0.901	ng/ul	97
18) Benzo(a)anthracene	21.24	228	7149	0.307	ng/ul	100
19) Chrysene	21.29	228	15640	0.603	ng/ul	99
22) Benzo(k)fluoranthene	22.89	252	7125	0.263	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.75	276	10102	0.394	ng/ul#	86
26) Benzo(g,h,i)perylene	26.42	276	12040	0.562	ng/ul	98

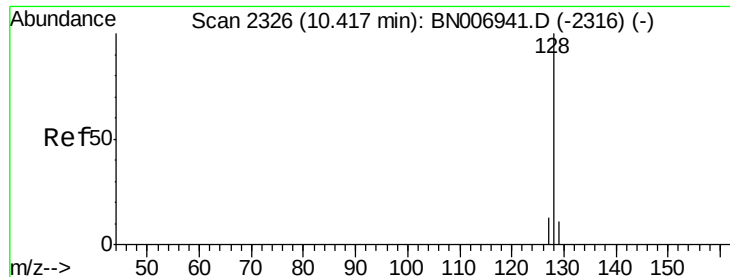
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 19 23:29:55 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.498 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. 0.02 min

Lab File: BN006944.D

Acq: 22 Jul 2019 13:54

Instrument :

BNA_N

ClientSampleId :

X2H33DL

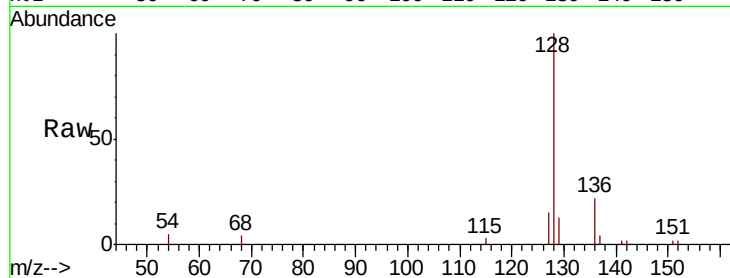
Tot Ion:128 Resp: 10602

Ion Ratio Lower Upper

128 100

129 13.1 9.4 14.0

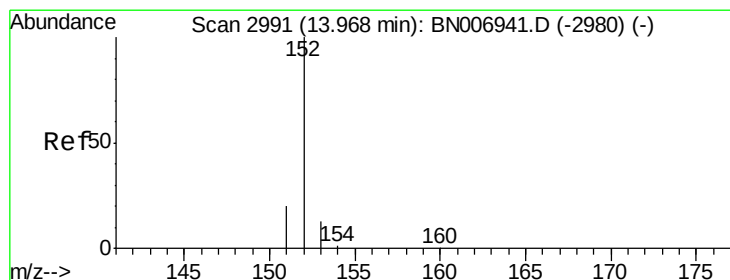
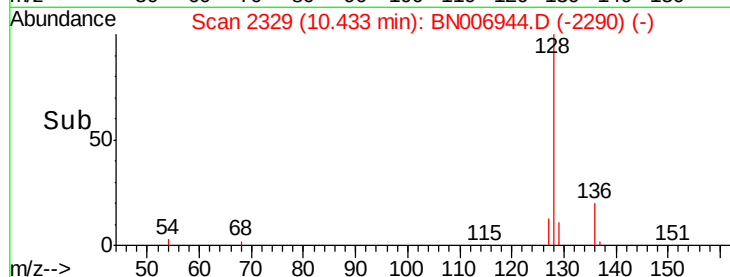
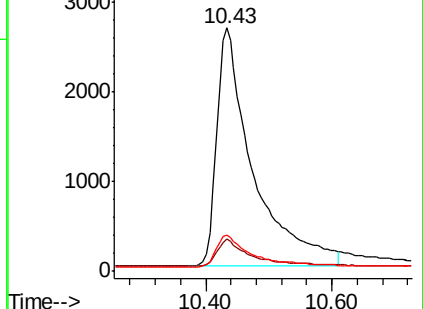
127 14.9 10.6 16.0



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



#7

Acenaphthylene

Concen: 0.359 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.01 min

Lab File: BN006944.D

Acq: 22 Jul 2019 13:54

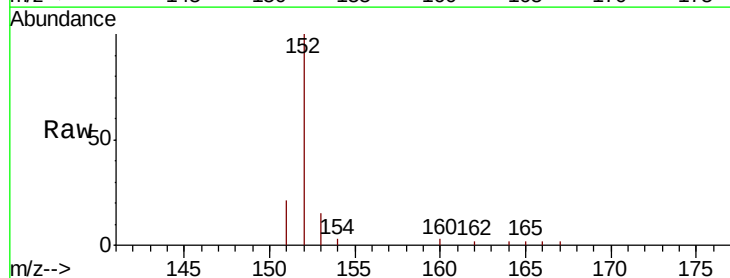
Tgt Ion:152 Resp: 7308

Ion Ratio Lower Upper

152 100

151 20.8 16.1 24.1

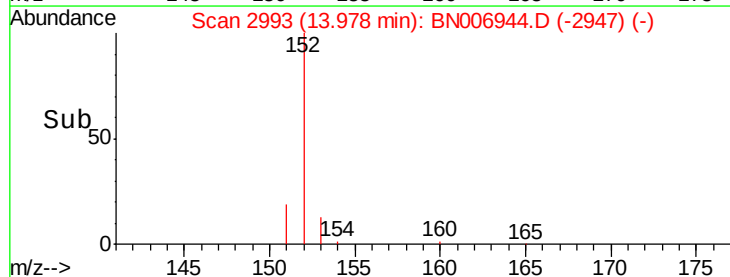
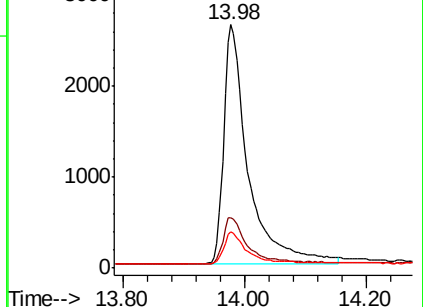
153 14.9 11.2 16.8

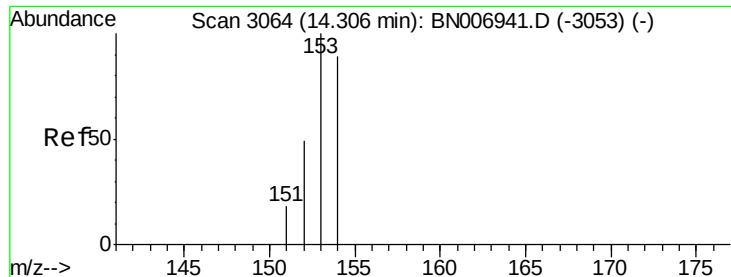


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.392 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BN006944.D

Acq: 22 Jul 2019 13:54

Instrument :

BNA_N

ClientSampleId :

X2H33DL

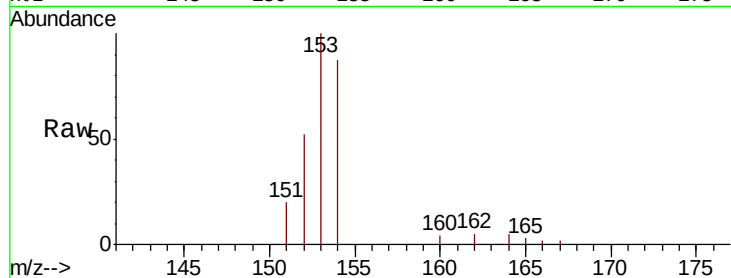
Tot Ion:153 Resp: 6160

Ion Ratio Lower Upper

153 100

152 51.8 39.3 58.9

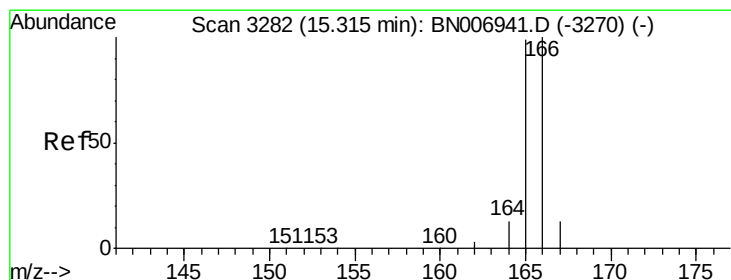
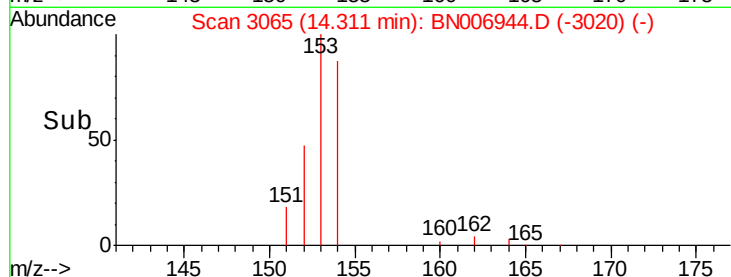
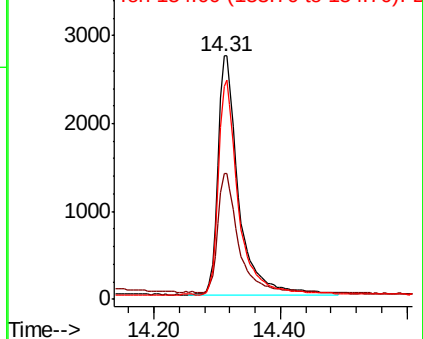
154 87.2 70.6 105.8



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: 0.415 ng/ul

RT: 15.33 min Scan# 3285

Delta R.T. 0.01 min

Lab File: BN006944.D

Acq: 22 Jul 2019 13:54

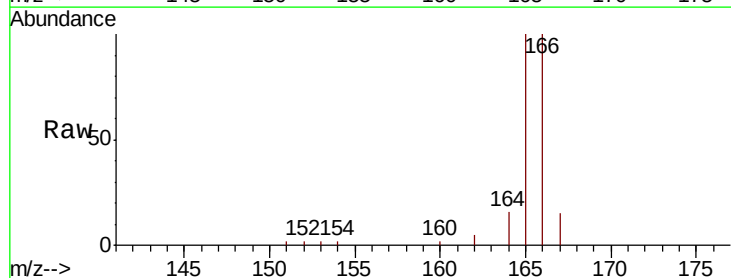
Tgt Ion:166 Resp: 7141

Ion Ratio Lower Upper

166 100

165 100.2 78.2 117.4

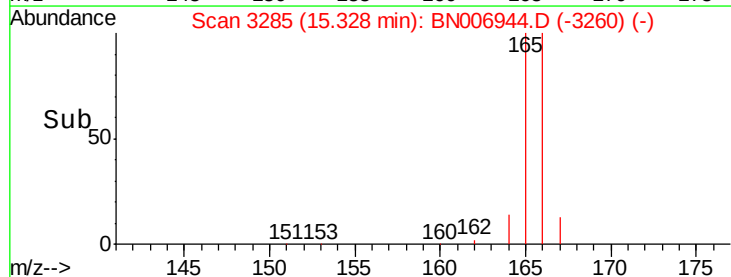
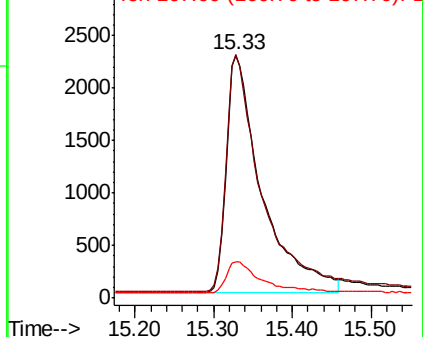
167 15.0 11.3 16.9

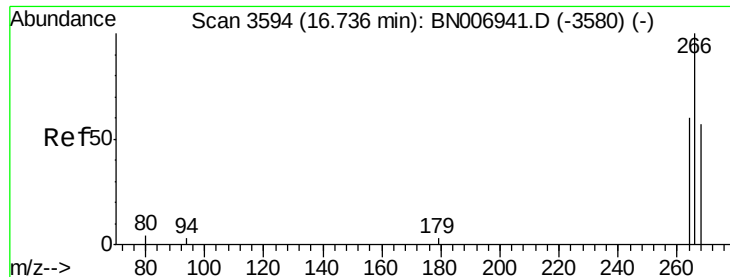


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

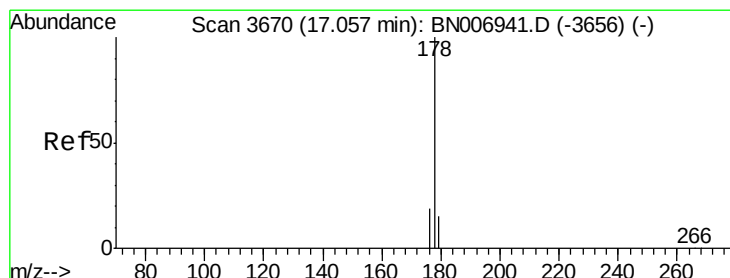
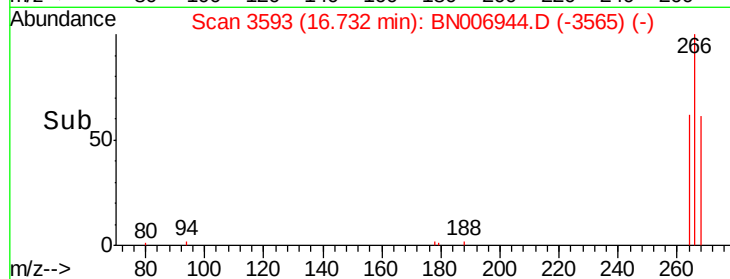
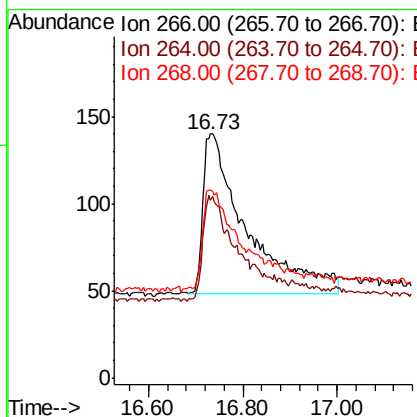
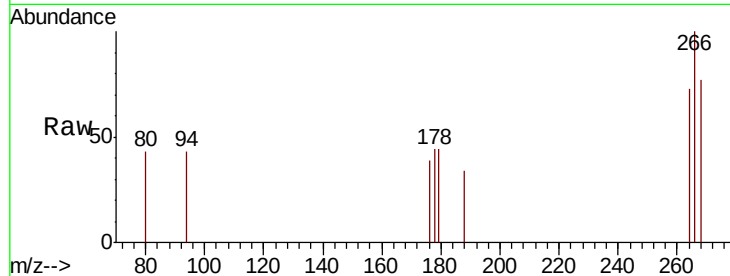




#11
 Pentachlorophenol
 Concen: 0.495 ng/ul
 RT: 16.73 min Scan# 3593
 Delta R.T. 0.02 min
 Lab File: BN006944.D
 Acq: 22 Jul 2019 13:54

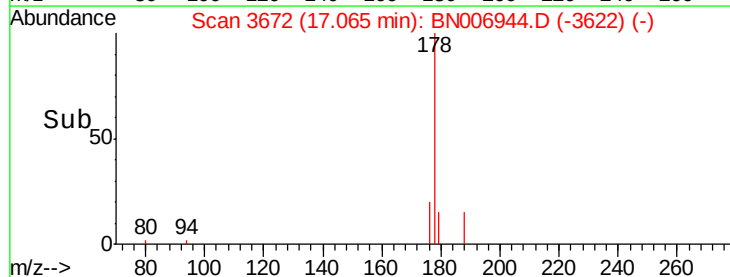
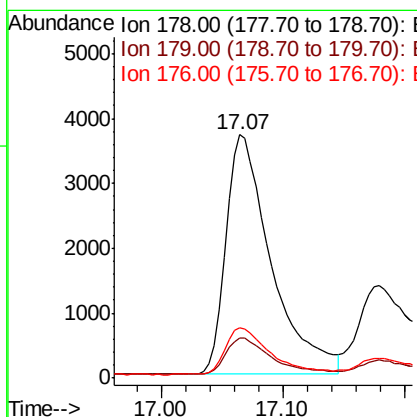
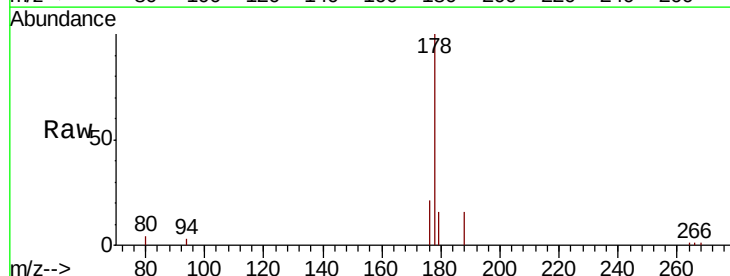
Instrument :
 BNA_N
 ClientSampleId :
 X2H33DL

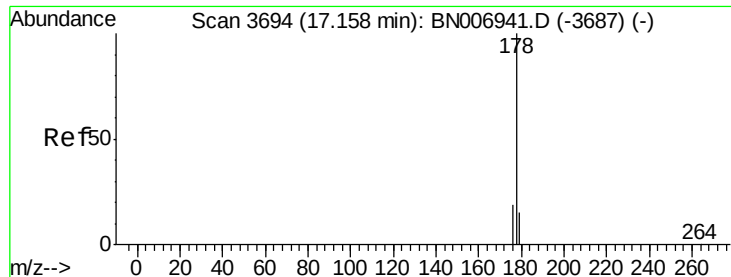
Tot Ion:266 Resp: 593
 Ion Ratio Lower Upper
 266 100
 264 63.6 45.9 68.9
 268 59.7 48.1 72.1



#12
 Phenanthrene
 Concen: 0.363 ng/ul
 RT: 17.07 min Scan# 3672
 Delta R.T. 0.01 min
 Lab File: BN006944.D
 Acq: 22 Jul 2019 13:54

Tgt Ion:178 Resp: 9391
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.6 19.0
 176 20.9 15.8 23.8





#13

Anthracene

Concen: 0.176 ng/ul

RT: 17.18 min Scan# 3699

Delta R.T. 0.02 min

Lab File: BN006944.D

Acq: 22 Jul 2019 13:54

Instrument :

BNA_N

ClientSampleId :

X2H33DL

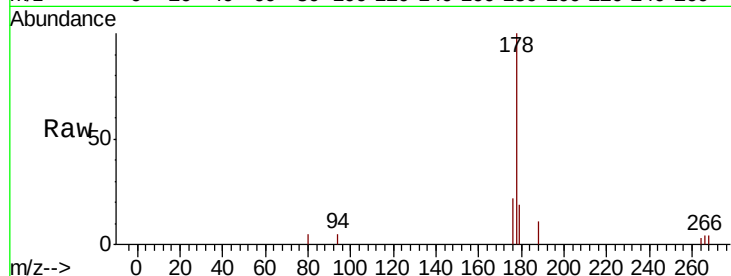
Tot Ion:178 Resp: 3924

Ion Ratio Lower Upper

178 100

179 19.0 12.7 19.1

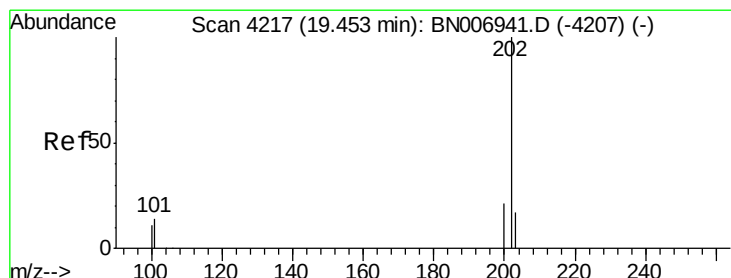
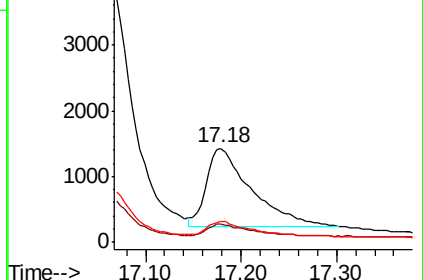
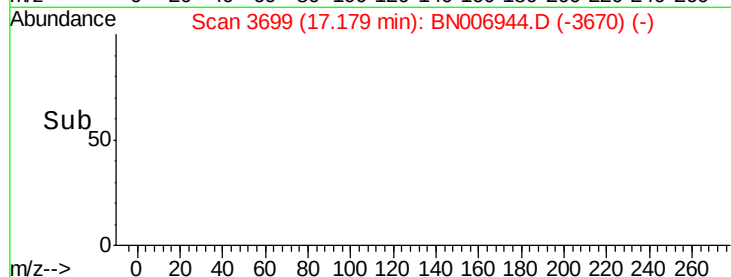
176 21.7 15.8 23.6



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



#17

Pyrene

Concen: 0.901 ng/ul

RT: 19.46 min Scan# 4219

Delta R.T. 0.01 min

Lab File: BN006944.D

Acq: 22 Jul 2019 13:54

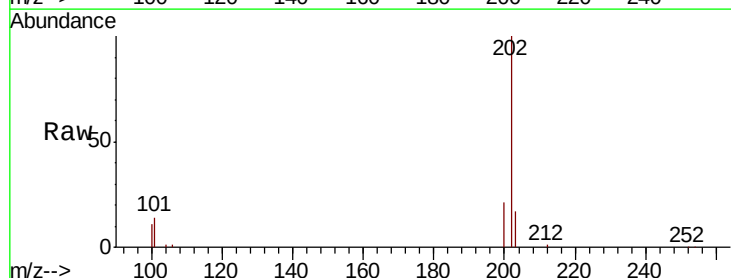
Tgt Ion:202 Resp: 23321

Ion Ratio Lower Upper

202 100

101 14.1 12.2 18.2

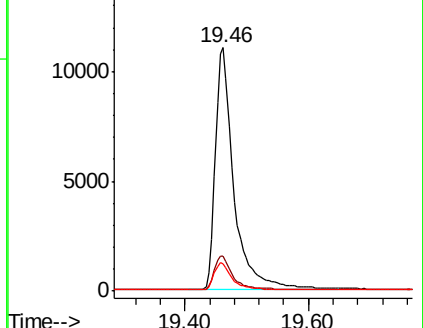
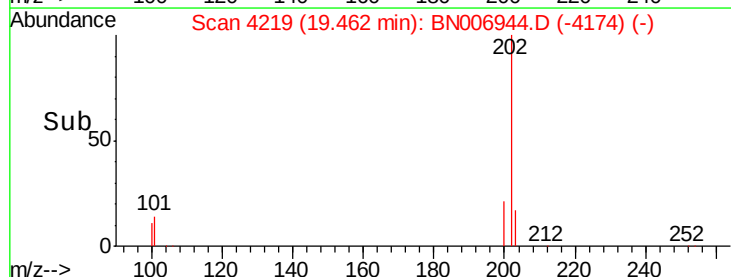
100 11.2 9.8 14.8

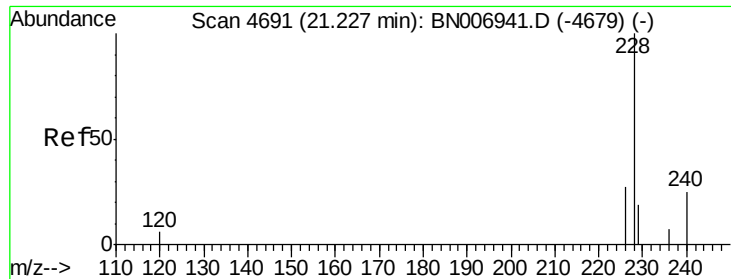


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.307 ng/ul

RT: 21.24 min Scan# 4697

Delta R.T. 0.02 min

Lab File: BN006944.D

Acq: 22 Jul 2019 13:54

Instrument :

BNA_N

ClientSampleId :

X2H33DL

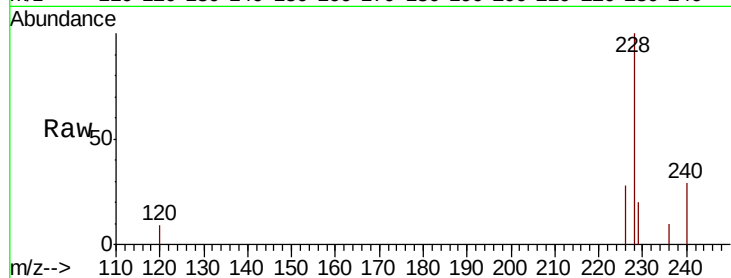
Tot Ion:228 Resp: 7149

Ion Ratio Lower Upper

228 100

229 20.2 15.9 23.9

226 28.5 22.6 34.0

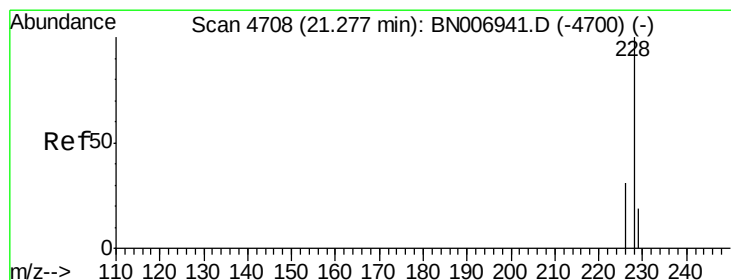
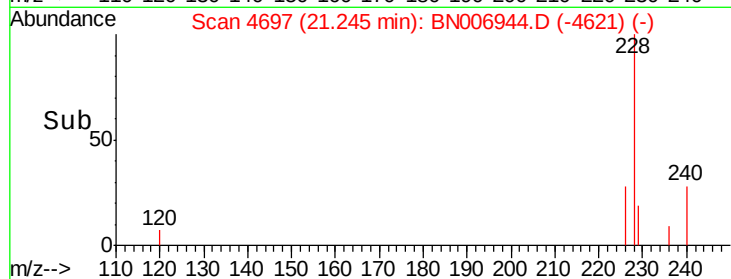
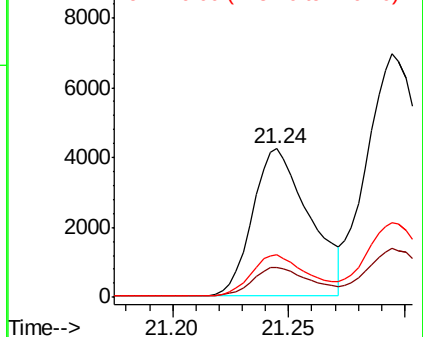


Abundance

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: 0.603 ng/ul

RT: 21.29 min Scan# 4714

Delta R.T. 0.02 min

Lab File: BN006944.D

Acq: 22 Jul 2019 13:54

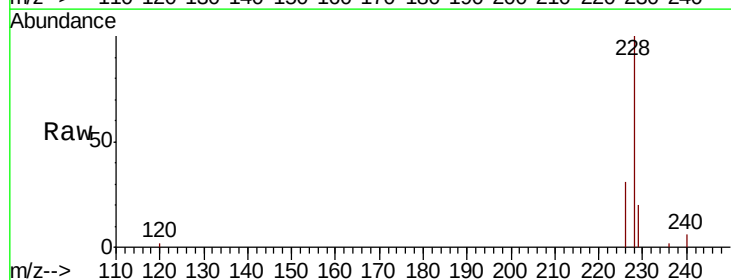
Tgt Ion:228 Resp: 15640

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.4

229 20.0 15.5 23.3

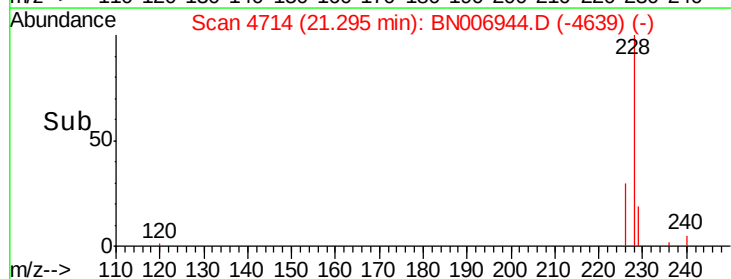
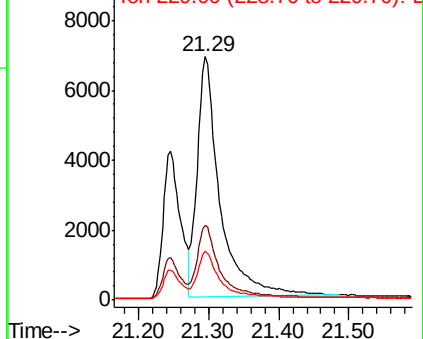


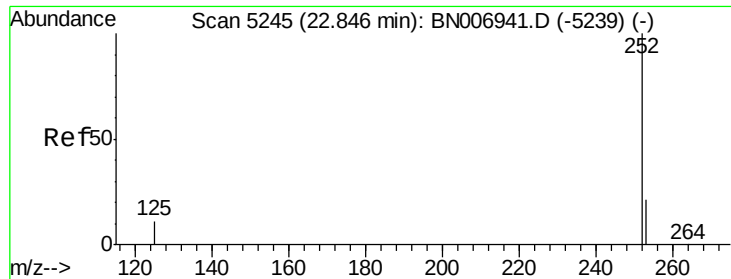
Abundance

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





#22

Benzo(k)fluoranthene

Concen: 0.263 ng/ul

RT: 22.89 min Scan# 5261

Delta R.T. 0.05 min

Lab File: BN006944.D

Acq: 22 Jul 2019 13:54

Instrument :

BNA_N

ClientSampleId :

X2H33DL

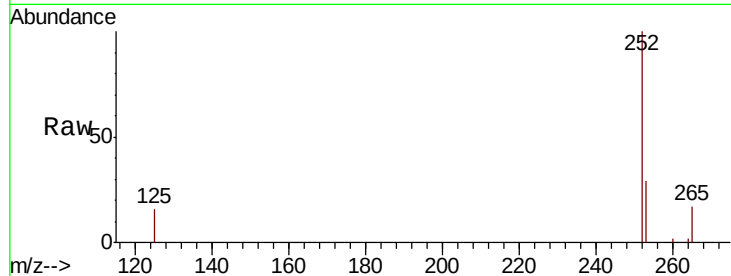
Tot Ion:252 Resp: 7125

Ion Ratio Lower Upper

252 100

253 28.8 19.2 28.8

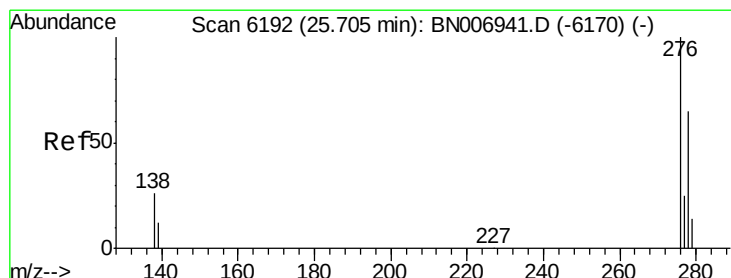
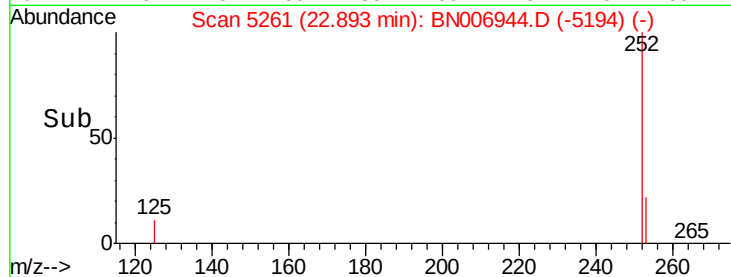
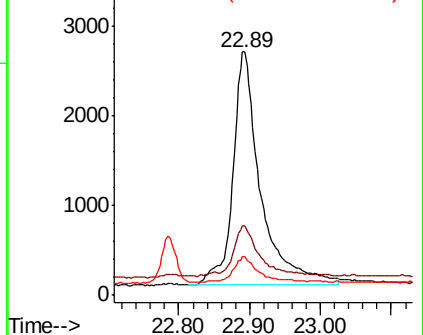
125 15.7 11.0 16.6



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.394 ng/ul

RT: 25.75 min Scan# 6206

Delta R.T. 0.05 min

Lab File: BN006944.D

Acq: 22 Jul 2019 13:54

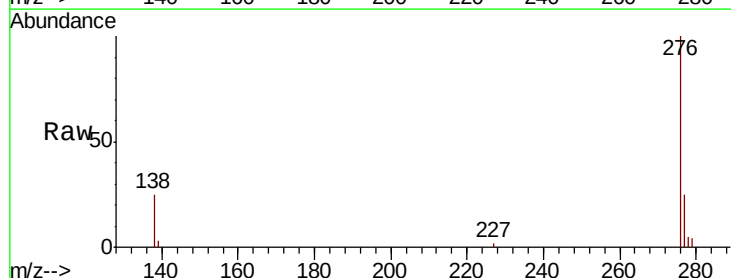
Tgt Ion:276 Resp: 10102

Ion Ratio Lower Upper

276 100

138 22.6 24.3 36.5#

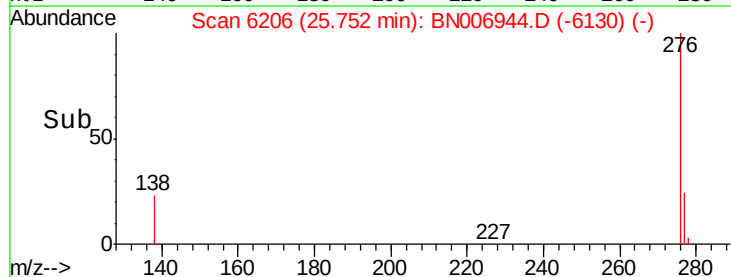
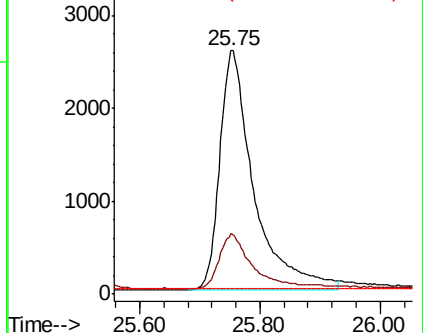
227 0.0 0.2 0.4#

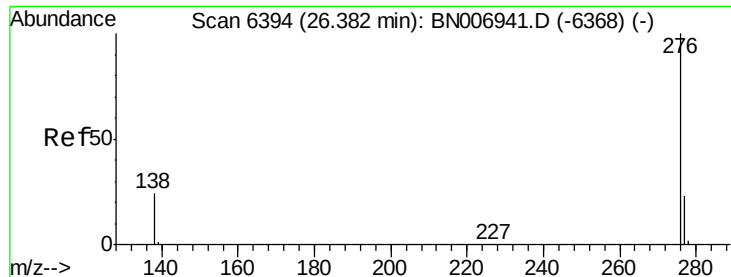


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

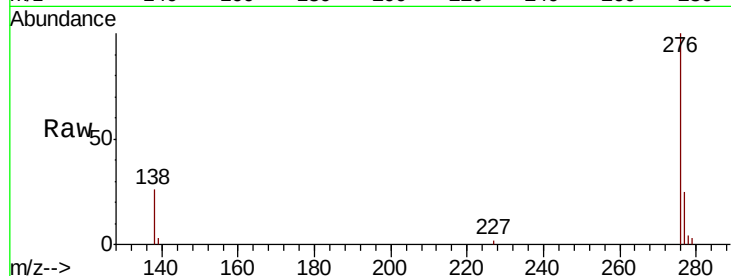




#26
Benzo(a,h,i)perylene
Concen: 0.562 ng/ul
RT: 26.42 min Scan# 6406
Delta R.T. 0.05 min
Lab File: BN006944.D
Acq: 22 Jul 2019 13:54

Instrument :
BNA_N
ClientSampleId :
X2H33DL

Tot Ion: 276 Resp: 12040
Ion Ratio Lower Upper
276 100
138 25.8 22.2 33.2
277 24.5 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

