

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
 Data File : BN006943.D
 Acq On : 22 Jul 2019 12:25
 Operator : HP/JU
 Sample : K3770-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2H33

Quant Time: Jul 22 13:39:52 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

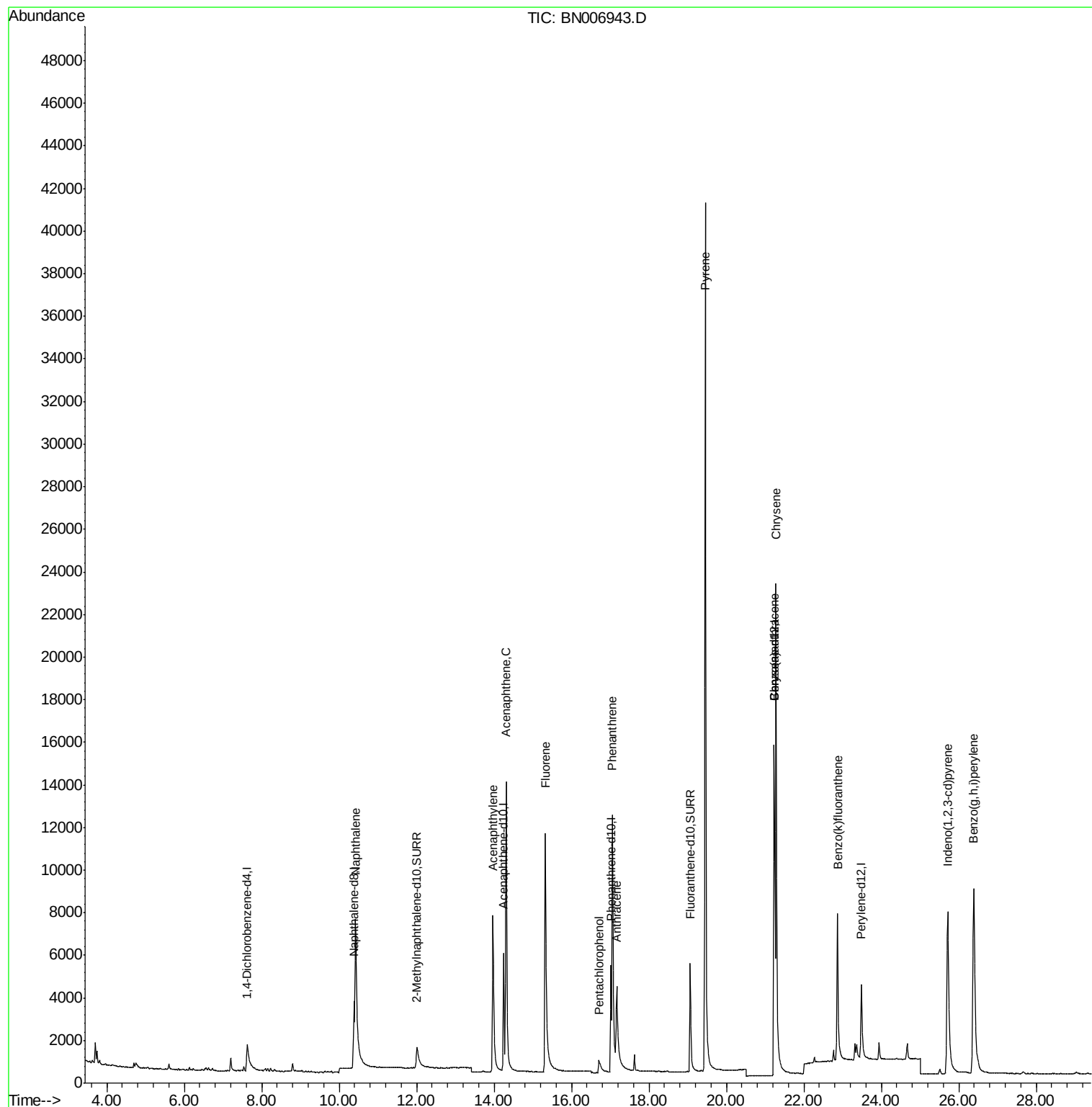
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1900	0.40	ng/ul	0.01
2) Naphthalene-d8	10.38	136	7183	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.25	164	3818	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7579	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	5898	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	6151	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3551	0.32	ng/ul	0.02
14) Fluoranthene-d10	19.06	212	7863	0.35	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	17830	0.865	ng/ul	99
7) Acenaphthylene	13.97	152	13657	0.693	ng/ul	99
8) Acenaphthene	14.31	153	11200	0.737	ng/ul	99
9) Fluorene	15.32	166	13757	0.826	ng/ul	100
11) Pentachlorophenol	16.71	266	1347	1.193	ng/ul	97
12) Phenanthrene	17.06	178	17850	0.732	ng/ul	99
13) Anthracene	17.17	178	7719	0.366	ng/ul	98
17) Pyrene	19.45	202	46248	1.716	ng/ul	96
18) Benzo(a)anthracene	21.23	228	14947	0.617	ng/ul	100
19) Chrysene	21.28	228	29927	1.107	ng/ul	99
22) Benzo(k)fluoranthene	22.86	252	12481	0.473	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.71	276	19539	0.782	ng/ul#	85
26) Benzo(g,h,i)perylene	26.39	276	23158	1.108	ng/ul	97

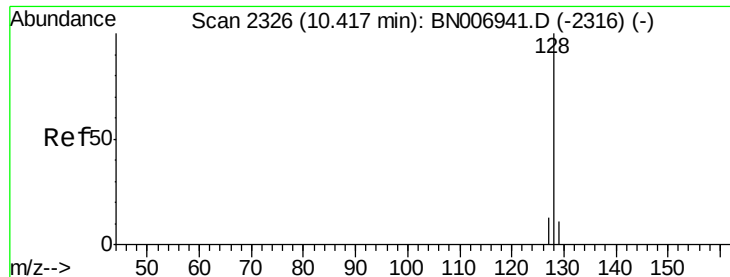
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.865 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.01 min

Lab File: BN006943.D

Acq: 22 Jul 2019 12:25

Instrument :

BNA_N

ClientSampleId :

X2H33

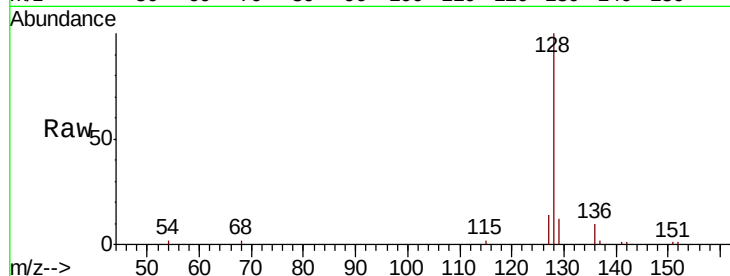
Tot Ion:128 Resp: 17830

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

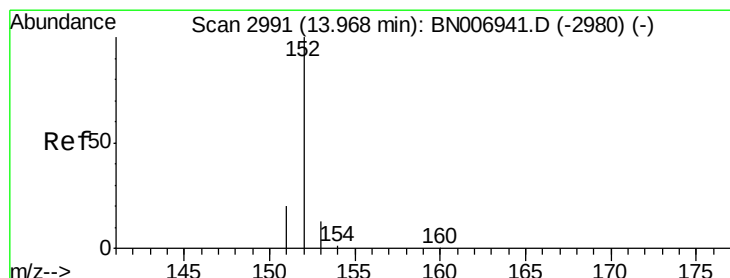
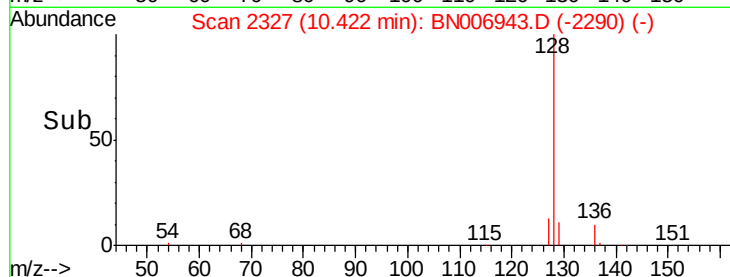
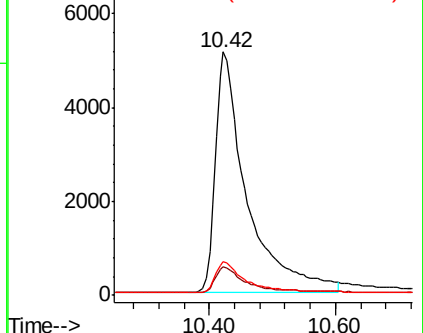
127 13.9 10.6 16.0



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



#7

Acenaphthylene

Concen: 0.693 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. 0.01 min

Lab File: BN006943.D

Acq: 22 Jul 2019 12:25

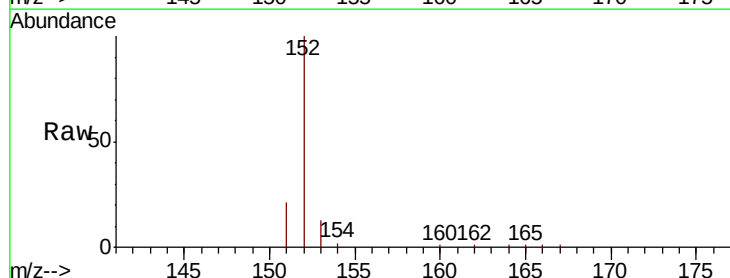
Tgt Ion:152 Resp: 13657

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

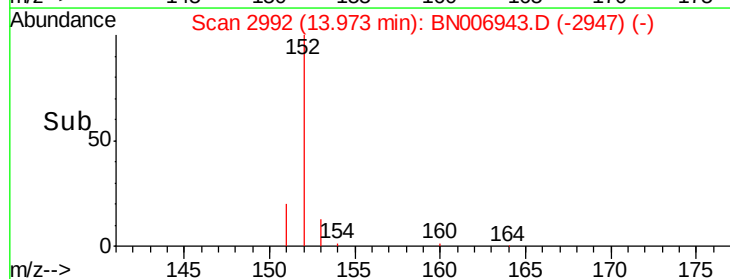
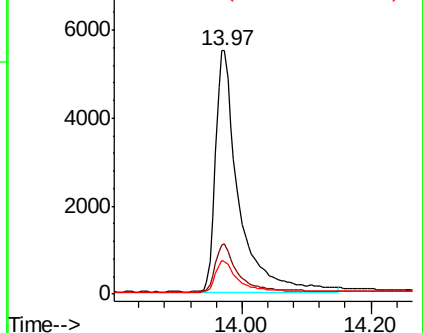
153 13.4 11.2 16.8

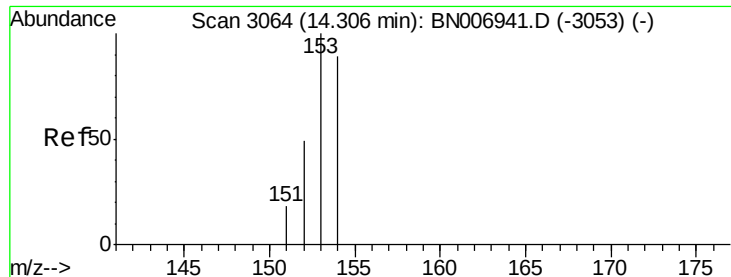


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.737 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BN006943.D

Acq: 22 Jul 2019 12:25

Instrument :

BNA_N

ClientSampleId :

X2H33

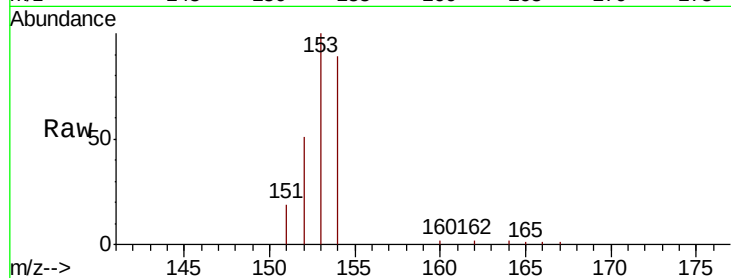
Tot Ion:153 Resp: 11200

Ion Ratio Lower Upper

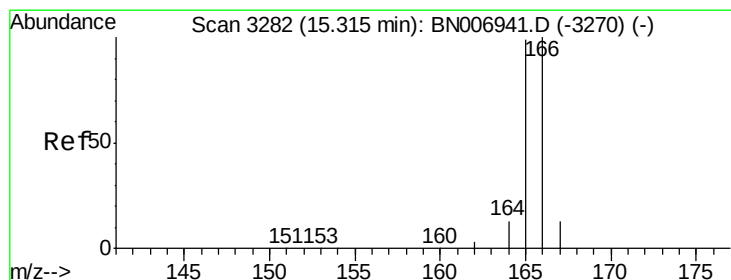
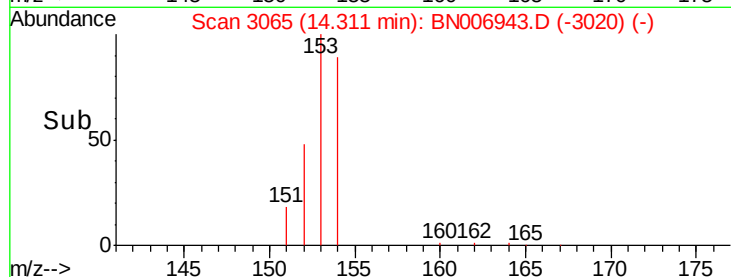
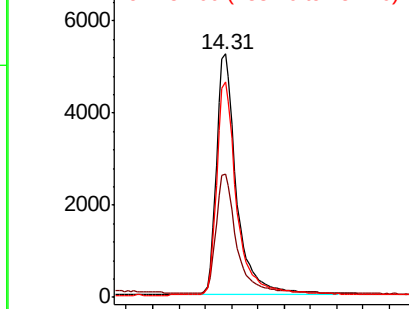
153 100

152 50.8 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: 0.826 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. 0.00 min

Lab File: BN006943.D

Acq: 22 Jul 2019 12:25

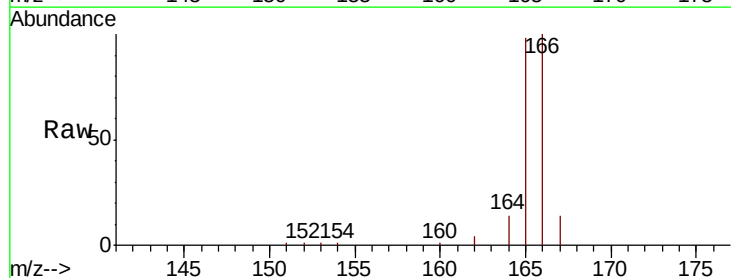
Tgt Ion:166 Resp: 13757

Ion Ratio Lower Upper

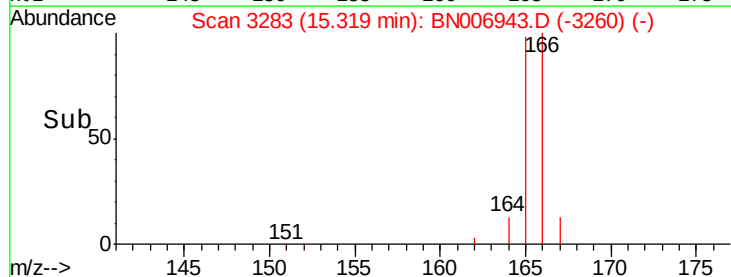
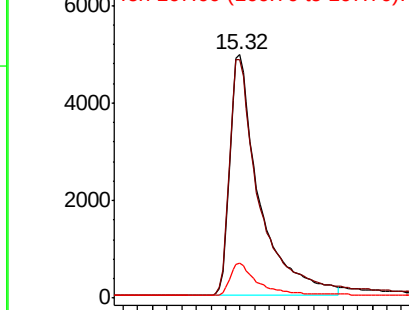
166 100

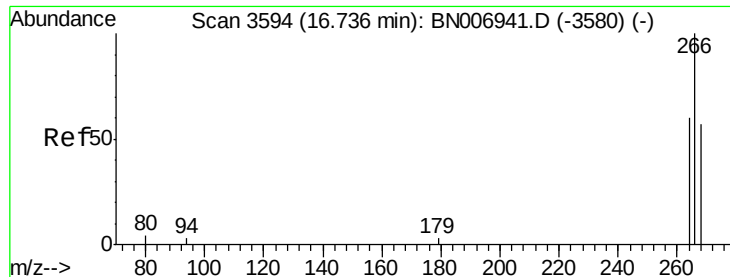
165 98.0 78.2 117.4

167 14.2 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

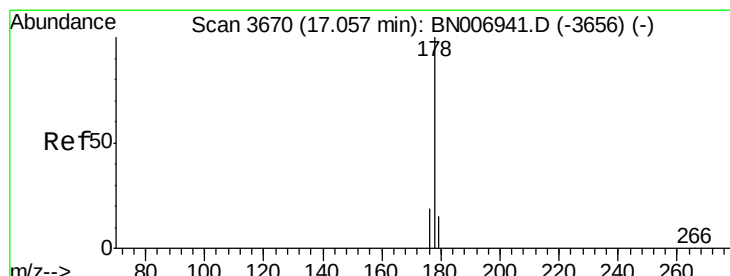
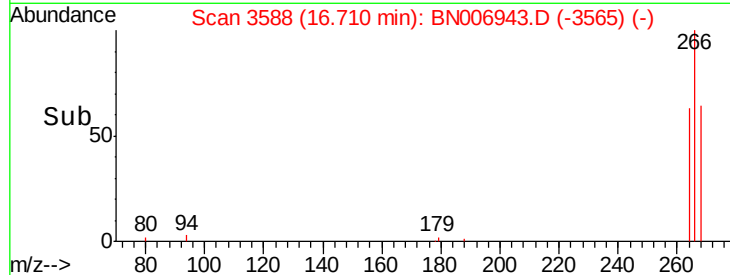
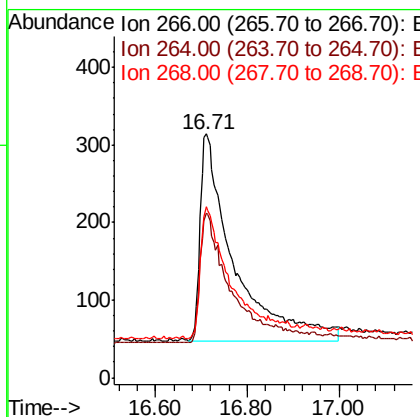
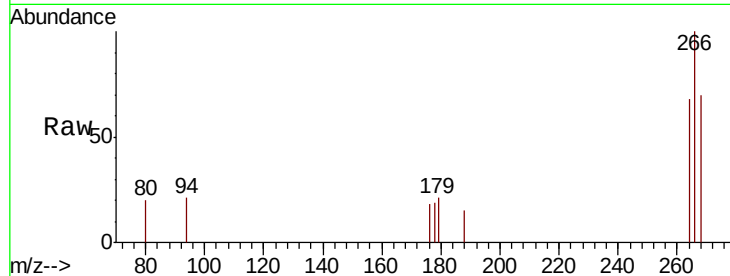




#11
 Pentachlorophenol
 Concen: 1.193 ng/ul
 RT: 16.71 min Scan# 3588
 Delta R.T. -0.00 min
 Lab File: BN006943.D
 Acq: 22 Jul 2019 12:25

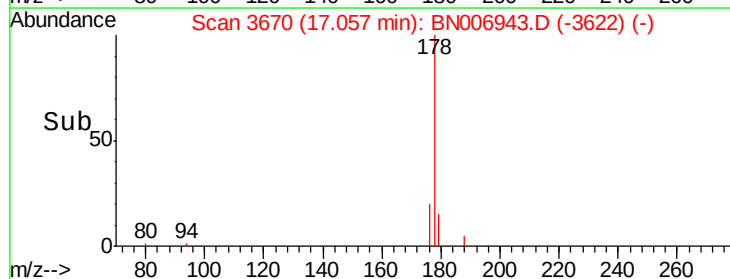
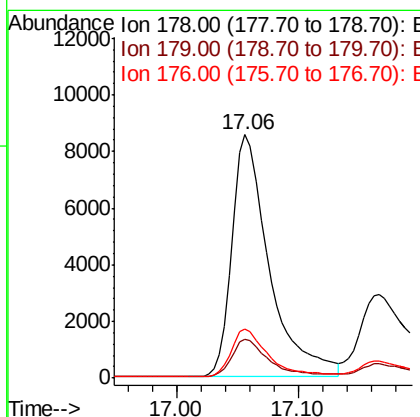
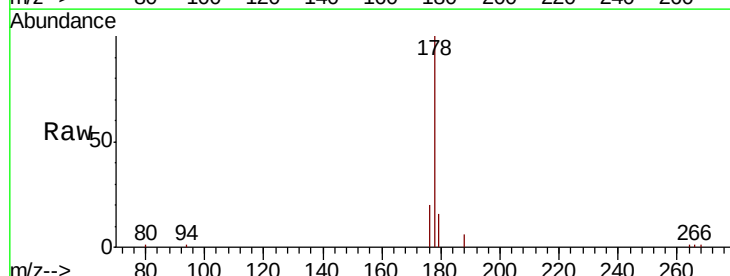
Instrument :
 BNA_N
 ClientSampleId :
 X2H33

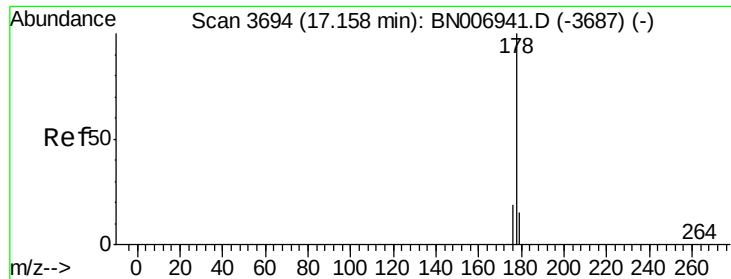
Tot Ion:	266	Resp:	1347
Ion	Ratio	Lower	Upper
266	100		
264	62.3	45.9	68.9
268	60.2	48.1	72.1



#12
 Phenanthrene
 Concen: 0.732 ng/ul
 RT: 17.06 min Scan# 3670
 Delta R.T. 0.00 min
 Lab File: BN006943.D
 Acq: 22 Jul 2019 12:25

Tgt Ion:	178	Resp:	17850
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	20.1	15.8	23.8

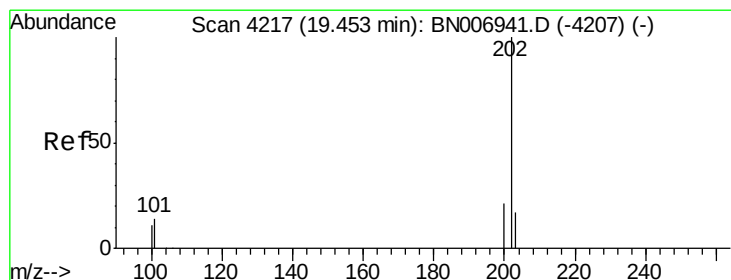
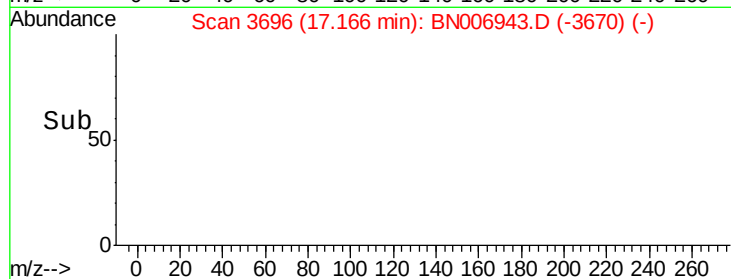
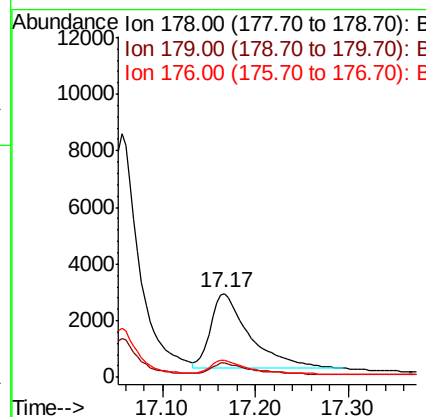
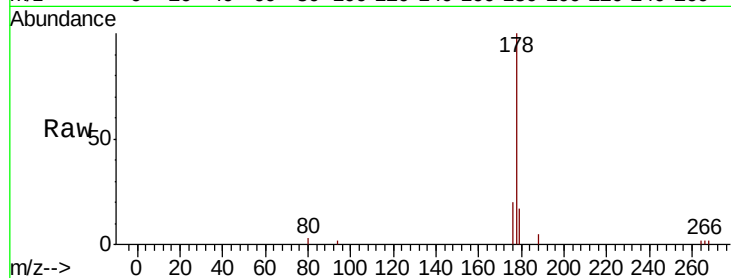




#13
 Anthracene
 Concen: 0.366 ng/ul
 RT: 17.17 min Scan# 3696
 Delta R.T. 0.01 min
 Lab File: BN006943.D
 Acq: 22 Jul 2019 12:25

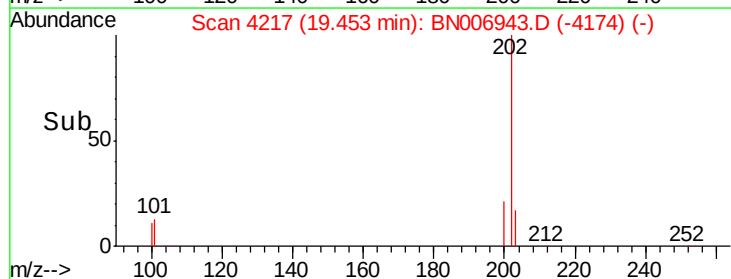
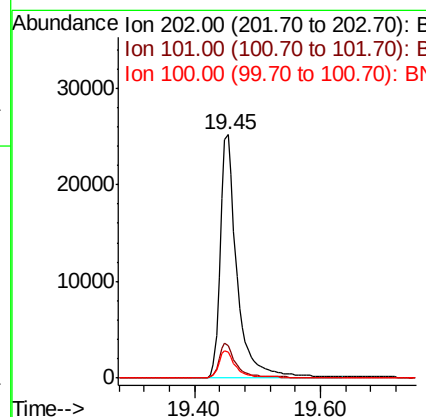
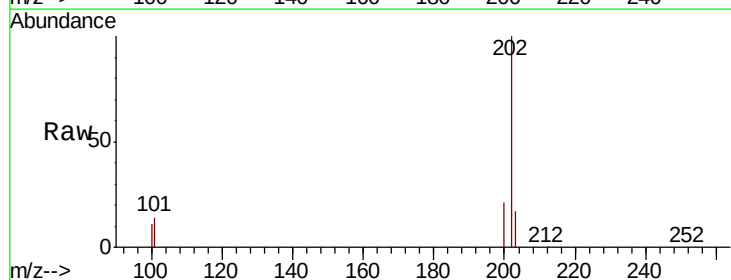
Instrument :
 BNA_N
 ClientSampled :
 X2H33

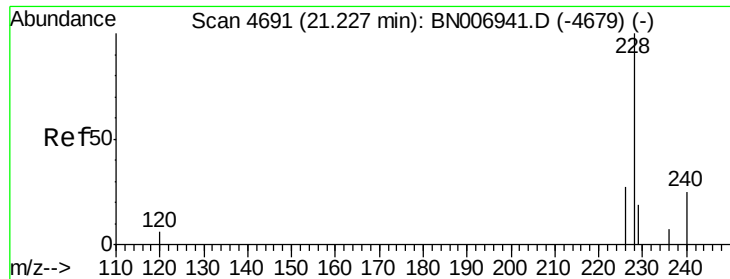
Tot Ion:178 Resp: 7719
 Ion Ratio Lower Upper
 178 100
 179 17.2 12.7 19.1
 176 20.5 15.8 23.6



#17
 Pyrene
 Concen: 1.716 ng/ul
 RT: 19.45 min Scan# 4217
 Delta R.T. 0.00 min
 Lab File: BN006943.D
 Acq: 22 Jul 2019 12:25

Tgt Ion:202 Resp: 46248
 Ion Ratio Lower Upper
 202 100
 101 13.5 12.2 18.2
 100 10.8 9.8 14.8





#18

Benzo(a)anthracene

Concen: 0.617 ng/ul

RT: 21.23 min Scan# 4692

Delta R.T. 0.01 min

Lab File: BN006943.D

Acq: 22 Jul 2019 12:25

Instrument :

BNA_N

ClientSampleId :

X2H33

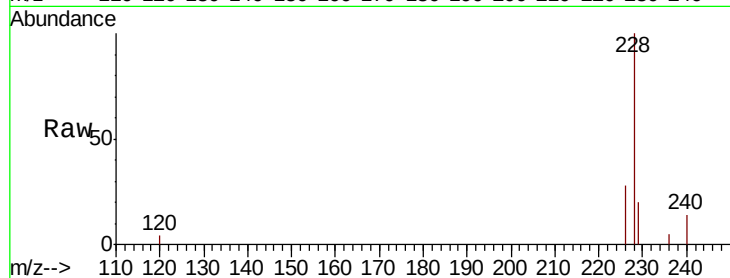
Tot Ion:228 Resp: 14947

Ion Ratio Lower Upper

228 100

229 19.9 15.9 23.9

226 28.0 22.6 34.0

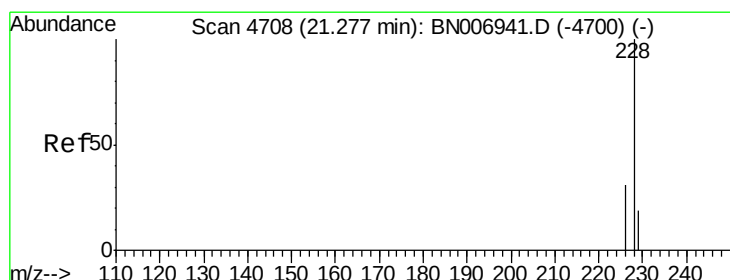
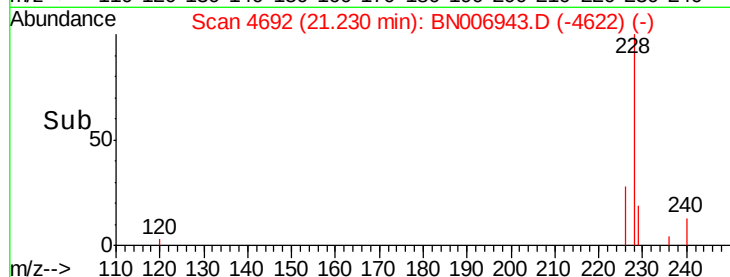
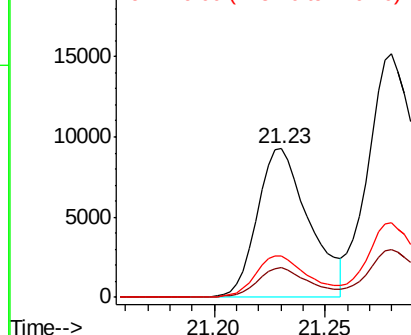


Abundance

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: 1.107 ng/ul

RT: 21.28 min Scan# 4709

Delta R.T. 0.00 min

Lab File: BN006943.D

Acq: 22 Jul 2019 12:25

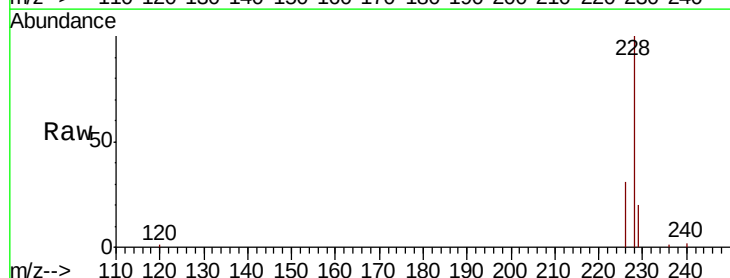
Tgt Ion:228 Resp: 29927

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

229 19.7 15.5 23.3

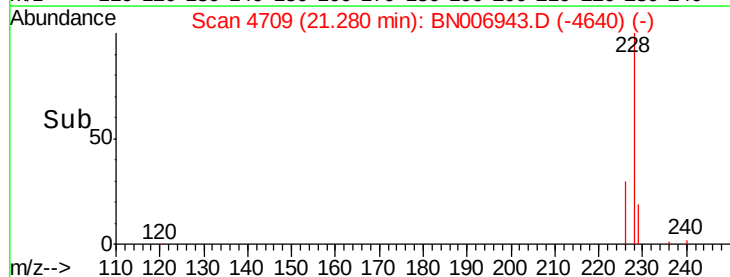
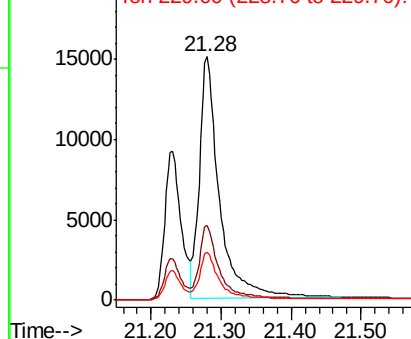


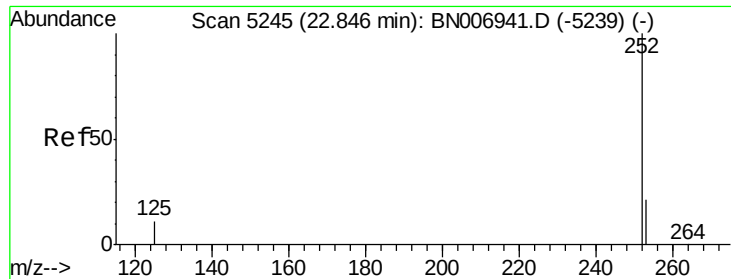
Abundance

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





#22

Benzo(k)fluoranthene

Concen: 0.473 ng/ul

RT: 22.86 min Scan# 5251

Delta R.T. 0.02 min

Lab File: BN006943.D

Acq: 22 Jul 2019 12:25

Instrument :

BNA_N

ClientSampleId :

X2H33

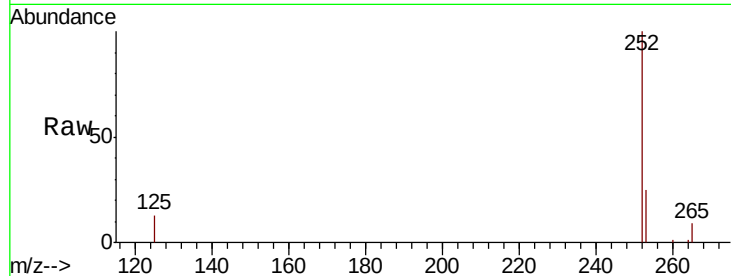
Tot Ion:252 Resp: 12481

Ion Ratio Lower Upper

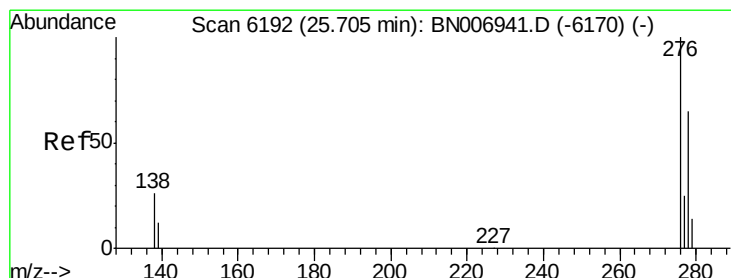
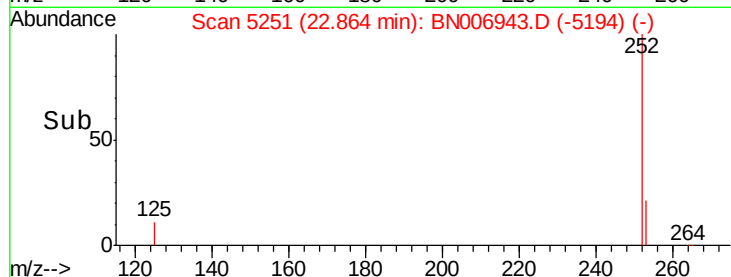
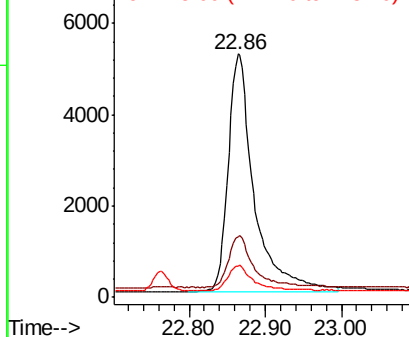
252 100

253 24.9 19.2 28.8

125 13.0 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: 0.782 ng/ul

RT: 25.71 min Scan# 6194

Delta R.T. 0.01 min

Lab File: BN006943.D

Acq: 22 Jul 2019 12:25

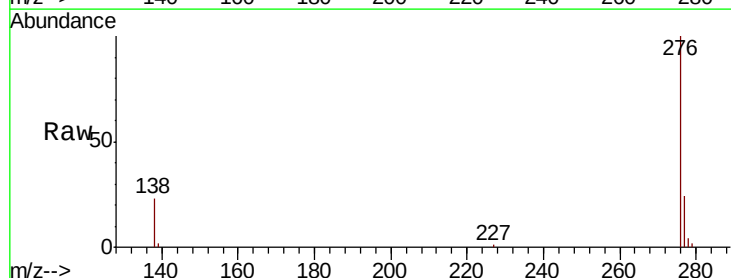
Tgt Ion:276 Resp: 19539

Ion Ratio Lower Upper

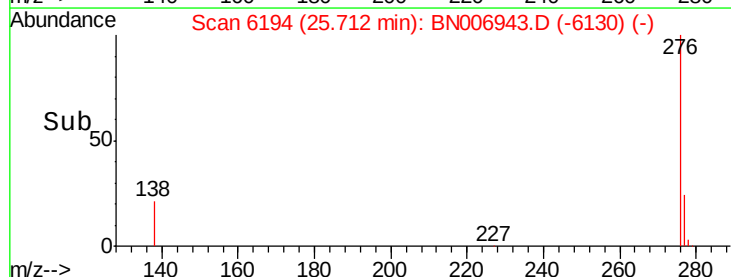
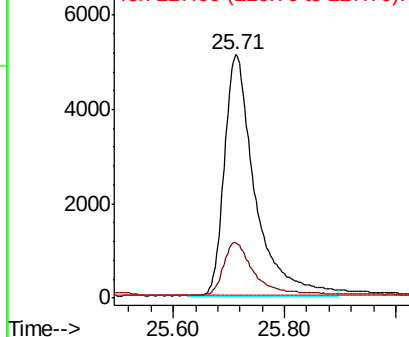
276 100

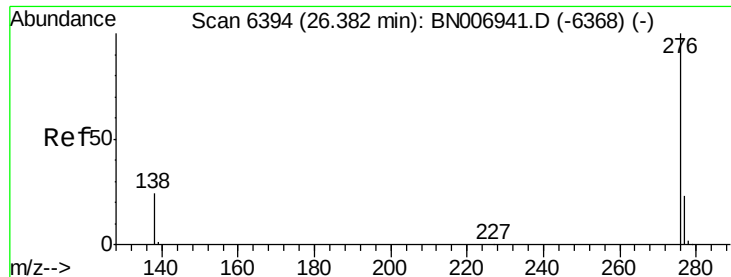
138 22.1 24.3 36.5#

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





#26

Benzo(a,h,i)perylene

Concen: 1.108 ng/ul

RT: 26.39 min Scan# 6395

Delta R.T. 0.01 min

Lab File: BN006943.D

Acq: 22 Jul 2019 12:25

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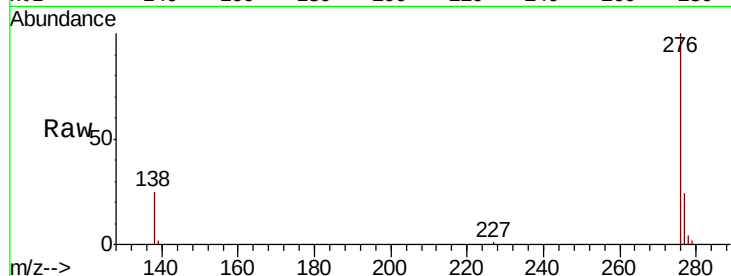
Tot Ion:276 Resp: 23158

Ion Ratio Lower Upper

276 100

138 24.6 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

