

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070218\
 Data File : BN001927.D
 Acq On : 02 Jul 2018 08:54
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 01:45:08 2018
 Quant Method : Z:\svoasrv\HPCHEM1\BNA N\Methods\SOM-EPA-SIM-BN061318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 13:44:54 2018
 Response via : Initial Calibration

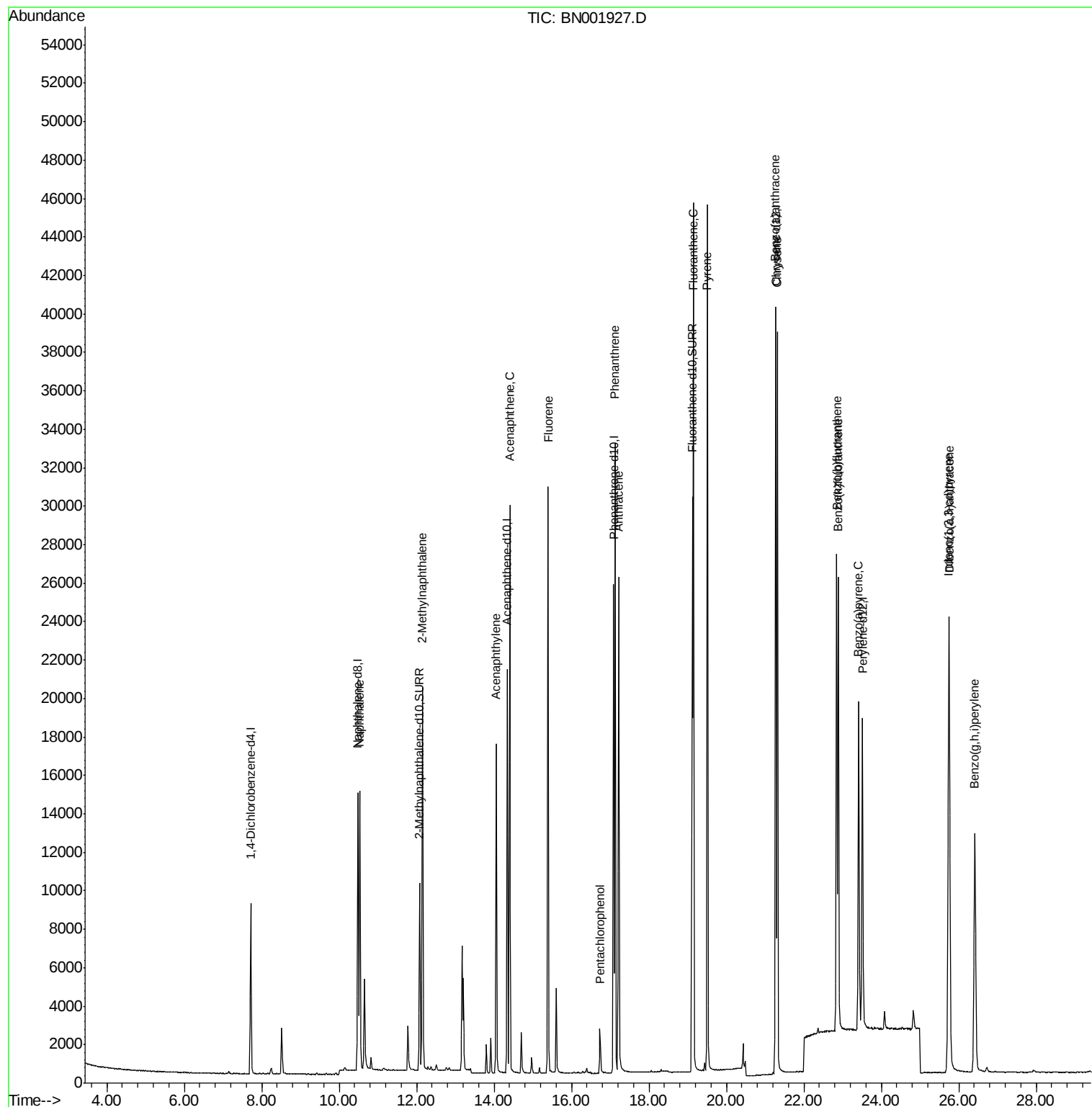
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	4736	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.48	136	19858	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.34	164	11956	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.09	188	29659	0.40	ng/ul	-0.01
16) Chrysene-d12	21.28	240	24570	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	20964	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	12991	0.41	ng/ul	-0.02
14) Fluoranthene-d10	19.12	212	33695	0.38	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.53	128	20189	0.394	ng/ul	96
5) 2-Methylnaphthalene	12.15	142	14706	0.402	ng/ul	98
7) Acenaphthylene	14.06	152	19819	0.339	ng/ul	95
8) Acenaphthene	14.40	153	16673	0.388	ng/ul	97
9) Fluorene	15.39	166	19436	0.387	ng/ul#	94
11) Pentachlorophenol	16.74	266	1791	0.319	ng/ul	99
12) Phenanthrene	17.12	178	34729	0.392	ng/ul#	88
13) Anthracene	17.22	178	29104	0.347	ng/ul#	92
15) Fluoranthene	19.15	202	39542	0.376	ng/ul	96
17) Pyrene	19.51	202	39260	0.440	ng/ul	97
18) Benzo(a)anthracene	21.27	228	30123	0.355	ng/ul#	85
19) Chrysene	21.32	228	33191	0.393	ng/ul	97
21) Benzo(b)fluoranthene	22.85	252	30135	0.396	ng/ul	86
22) Benzo(k)fluoranthene	22.89	252	31304	0.413	ng/ul#	88
23) Benzo(a)pyrene	23.41	252	26550	0.376	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.74	276	29736	0.375	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.76	278	22143	0.350	ng/ul#	91
26) Benzo(g,h,i)perylene	26.41	276	25579	0.379	ng/ul	97

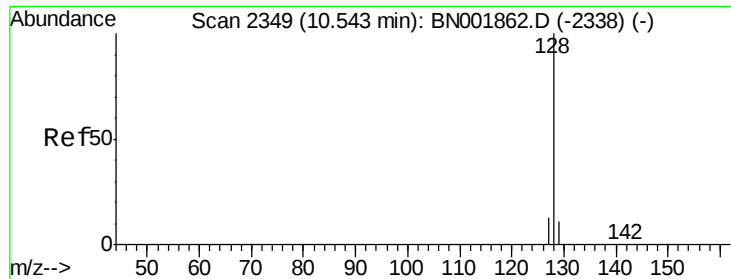
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.394 ng/ul

RT: 10.53 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BN001927.D

Acq: 02 Jul 2018 08:54

Instrument :

BNA_N

ClientSampleId :

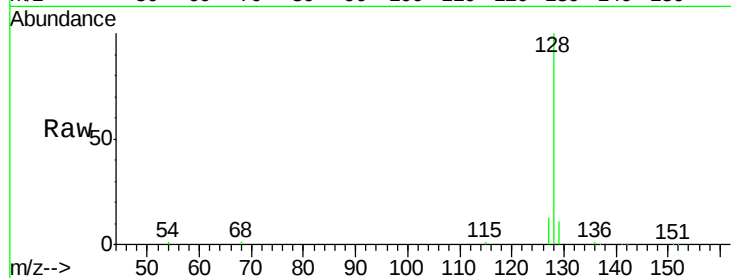
Tot Ion:128 Resp: 20189

Ion Ratio Lower Upper

128 100

129 11.1 8.0 12.0

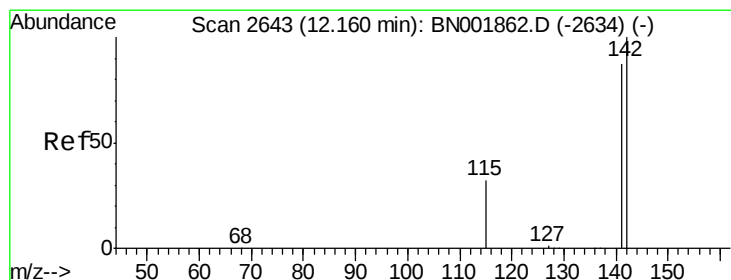
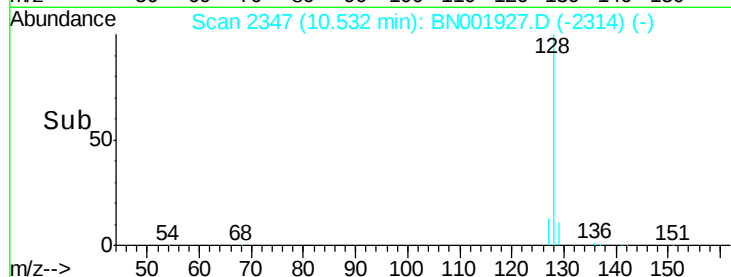
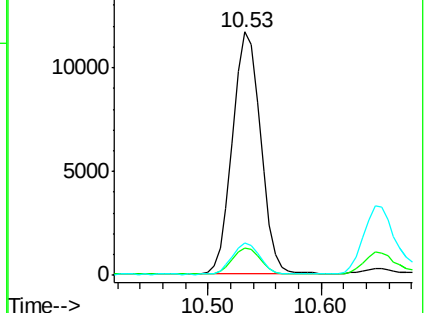
127 13.2 12.0 18.0



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: 0.402 ng/ul

RT: 12.15 min Scan# 2641

Delta R.T. -0.02 min

Lab File: BN001927.D

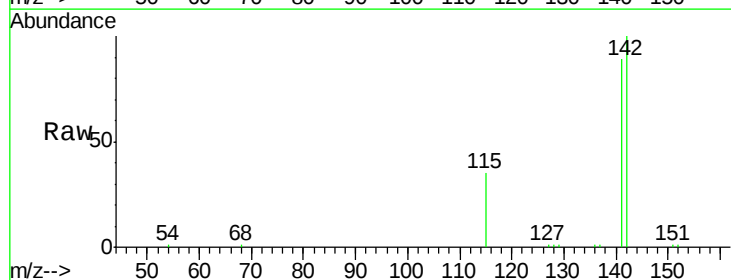
Acq: 02 Jul 2018 08:54

Tgt Ion:142 Resp: 14706

Ion Ratio Lower Upper

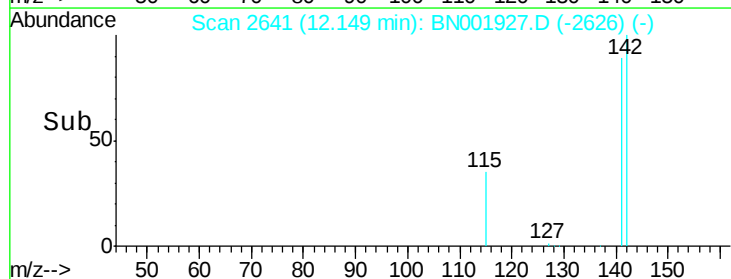
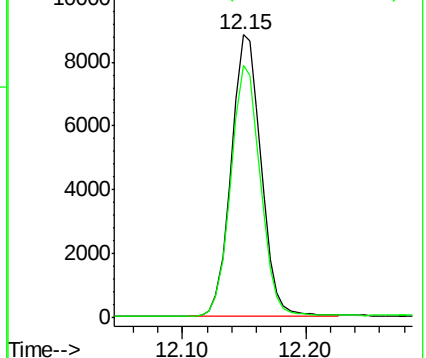
142 100

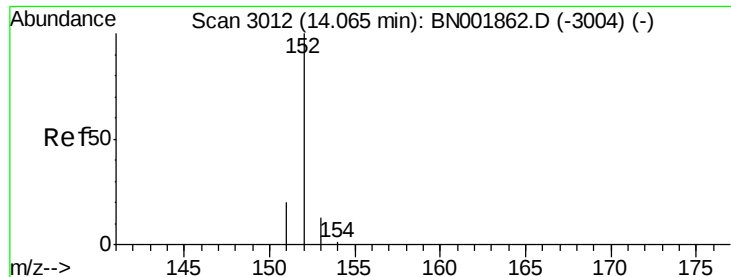
141 88.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.339 ng/ul

RT: 14.06 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BN001927.D

Acq: 02 Jul 2018 08:54

Instrument :

BNA_N

ClientSampleId :

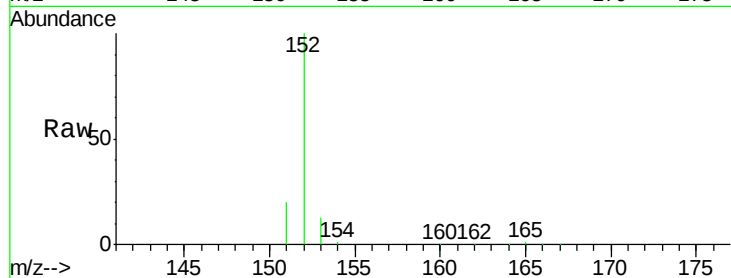
Tot Ion:152 Resp: 19819

Ion Ratio Lower Upper

152 100

151 19.8 17.1 25.7

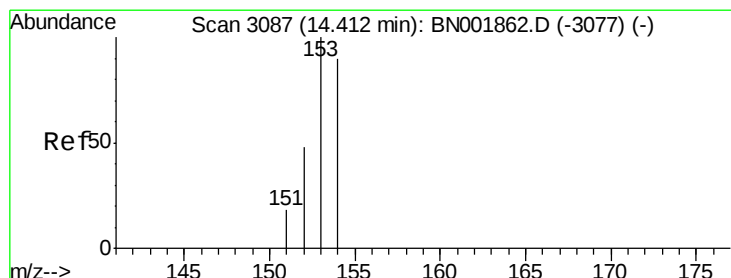
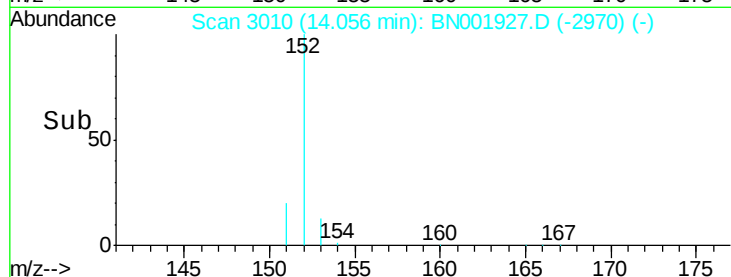
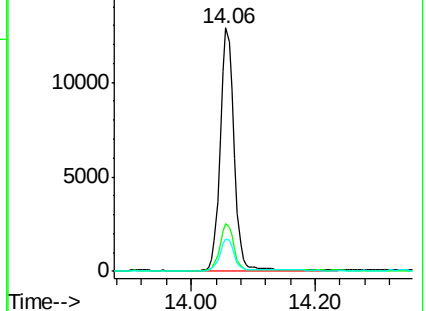
153 13.4 12.8 19.2



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: 0.388 ng/ul

RT: 14.40 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BN001927.D

Acq: 02 Jul 2018 08:54

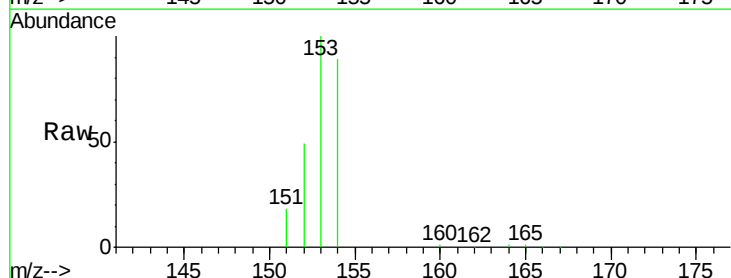
Tgt Ion:153 Resp: 16673

Ion Ratio Lower Upper

153 100

152 48.8 36.0 54.0

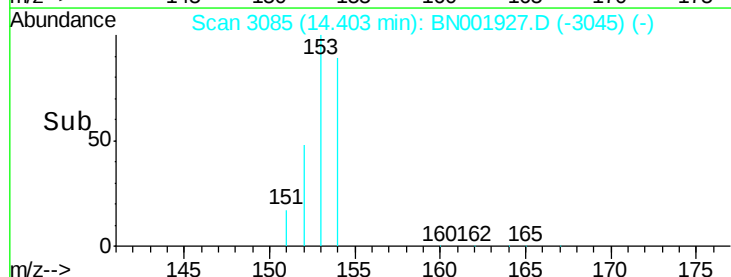
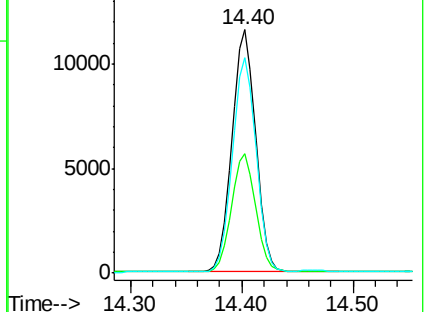
154 88.6 72.0 108.0

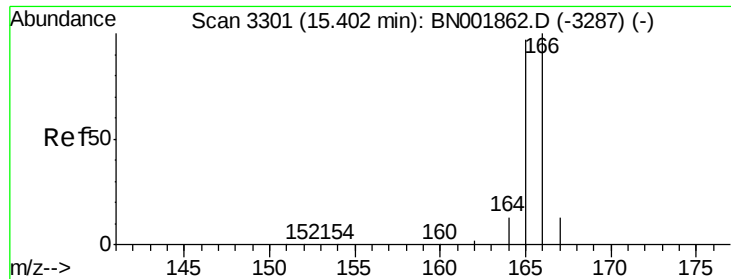


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

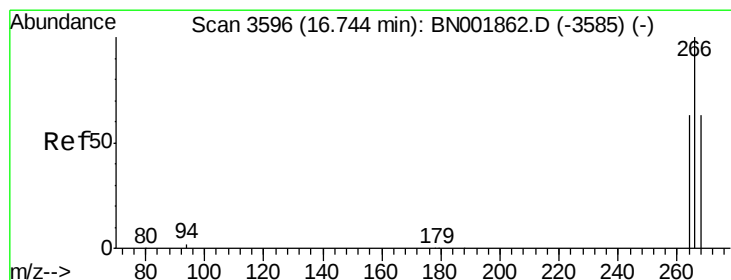
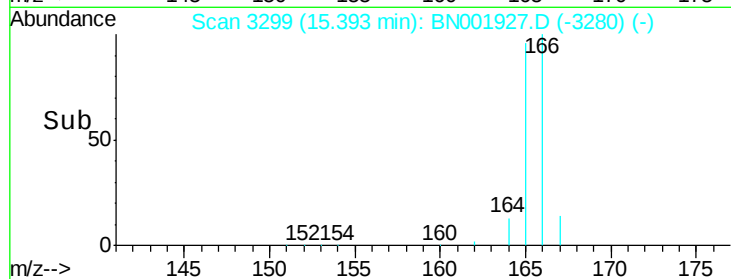
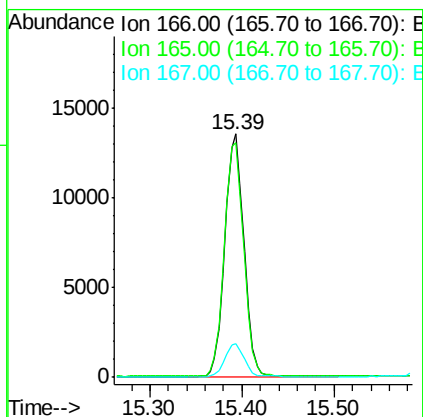
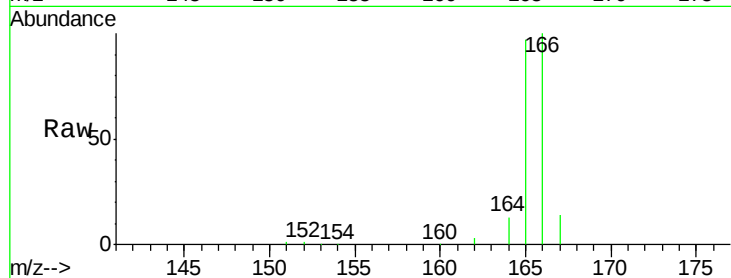




#9
Fluorene
 Concen: 0.387 ng/ul
 RT: 15.39 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BN001927.D
 Acq: 02 Jul 2018 08:54

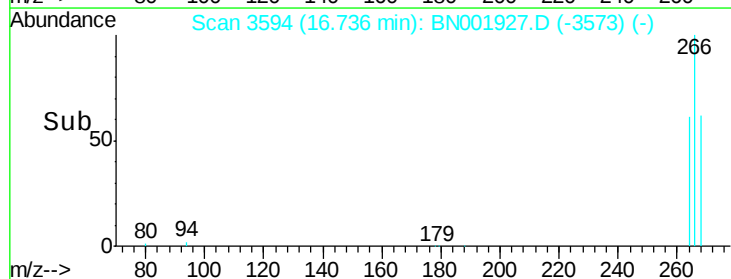
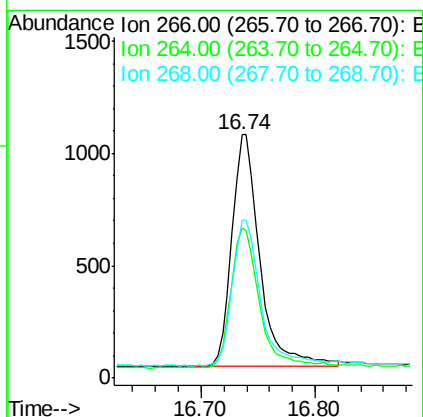
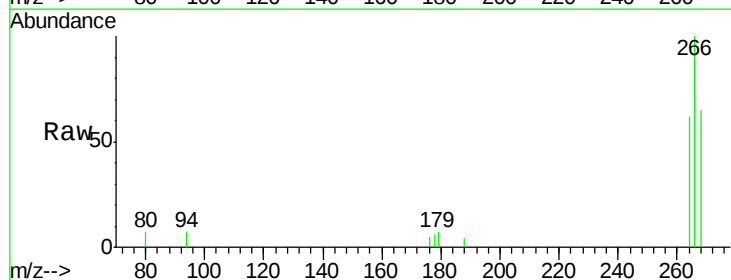
Instrument :
 BNA_N
 ClientSampleId :

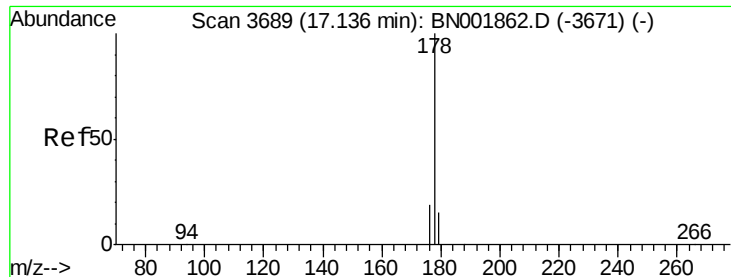
Tot Ion:166 Resp: 19436
 Ion Ratio Lower Upper
 166 100
 165 96.6 73.4 110.2
 167 13.8 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.319 ng/ul
 RT: 16.74 min Scan# 3594
 Delta R.T. -0.01 min
 Lab File: BN001927.D
 Acq: 02 Jul 2018 08:54

Tgt Ion:266 Resp: 1791
 Ion Ratio Lower Upper
 266 100
 264 61.3 47.9 71.9
 268 63.1 49.8 74.8





#12

Phenanthrene

Concen: 0.392 ng/ul

RT: 17.12 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BN001927.D

Acq: 02 Jul 2018 08:54

Instrument :

BNA_N

ClientSampleId :

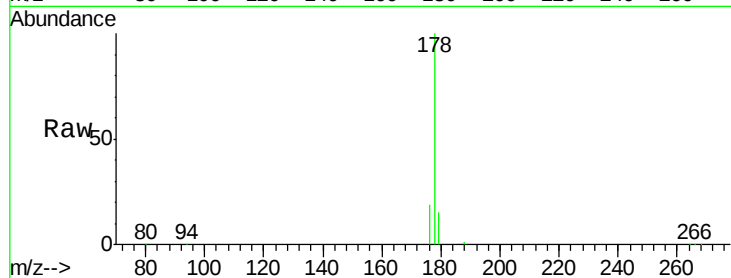
Tot Ion:178 Resp: 34729

Ion Ratio Lower Upper

178 100

179 15.3 18.4 27.6#

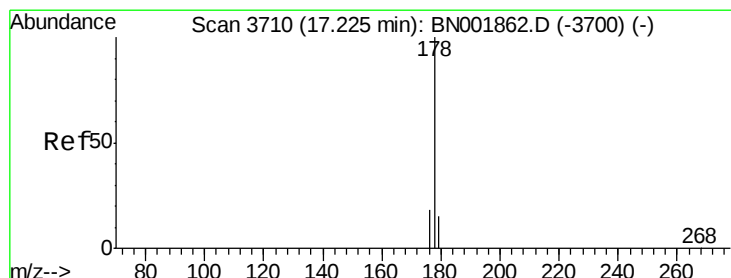
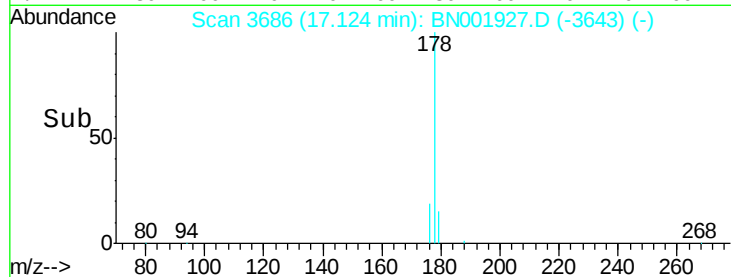
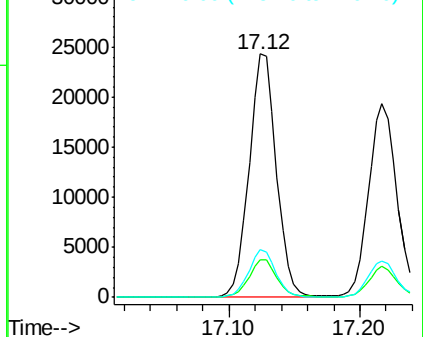
176 19.5 13.6 20.4



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: 0.347 ng/ul

RT: 17.22 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BN001927.D

Acq: 02 Jul 2018 08:54

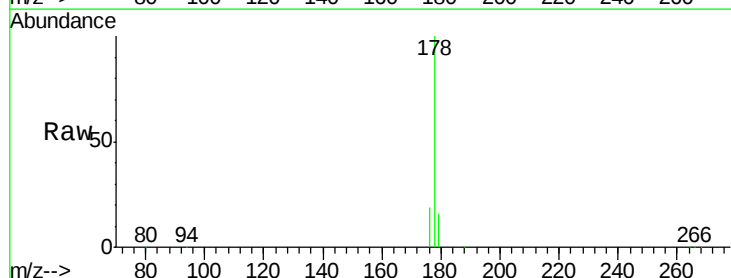
Tgt Ion:178 Resp: 29104

Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

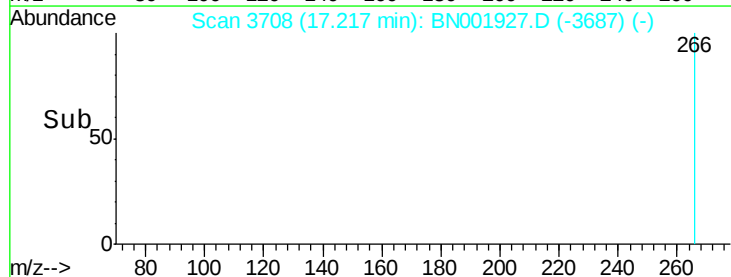
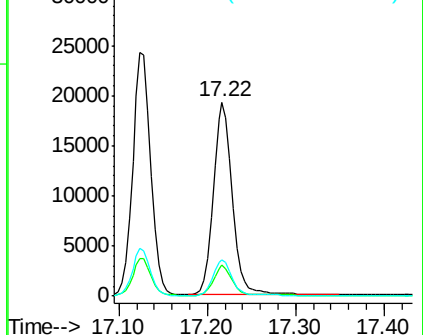
176 18.5 14.7 22.1

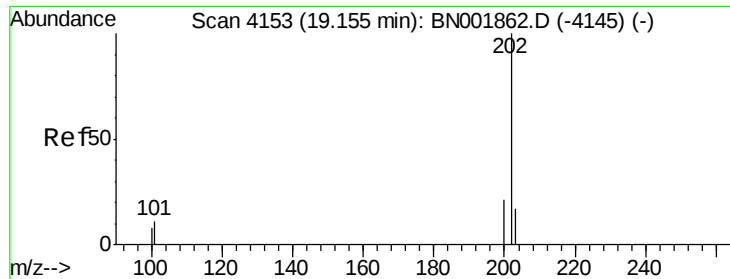


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.376 ng/ul

RT: 19.15 min Scan# 4151

Delta R.T. -0.01 min

Lab File: BN001927.D

Acq: 02 Jul 2018 08:54

Instrument :

BNA_N

ClientSampleId :

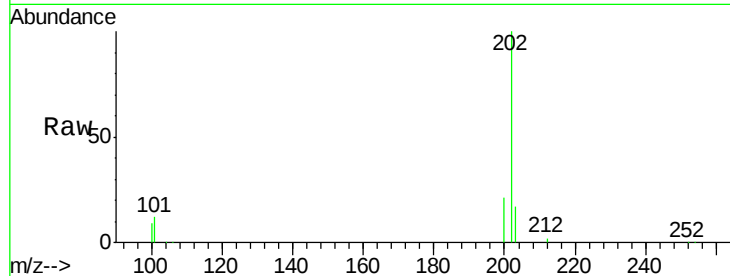
Tot Ion:202 Resp: 39542

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.0

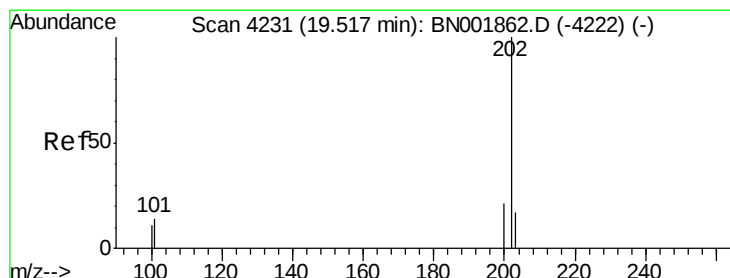
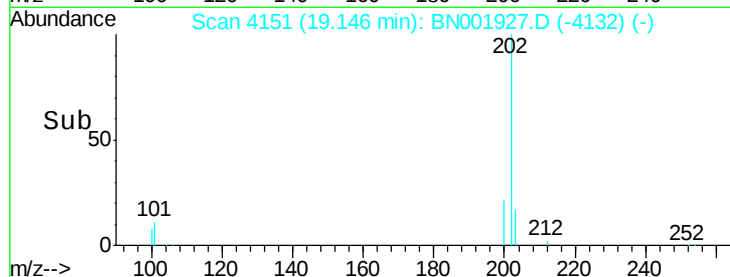
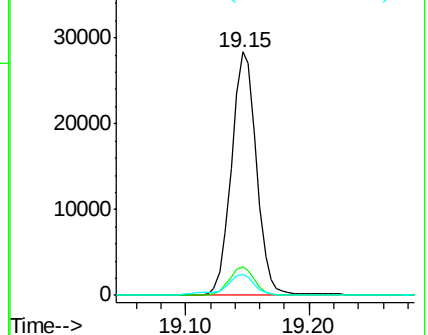
100 8.6 0.0 30.0



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: 0.440 ng/ul

RT: 19.51 min Scan# 4230

Delta R.T. -0.01 min

Lab File: BN001927.D

Acq: 02 Jul 2018 08:54

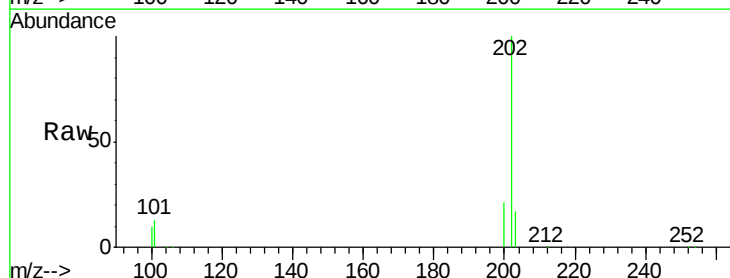
Tgt Ion:202 Resp: 39260

Ion Ratio Lower Upper

202 100

101 12.9 12.0 18.0

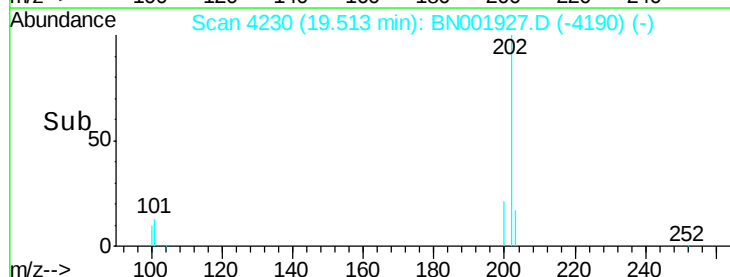
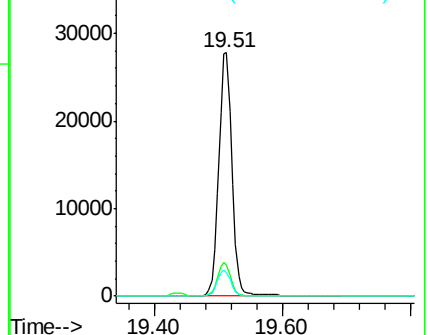
100 9.7 8.0 12.0

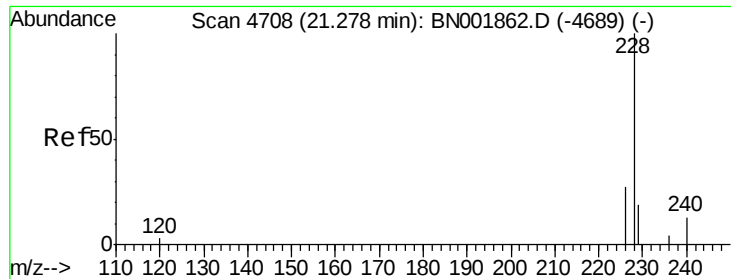


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

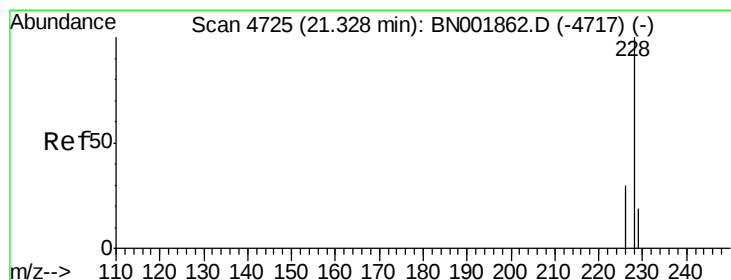
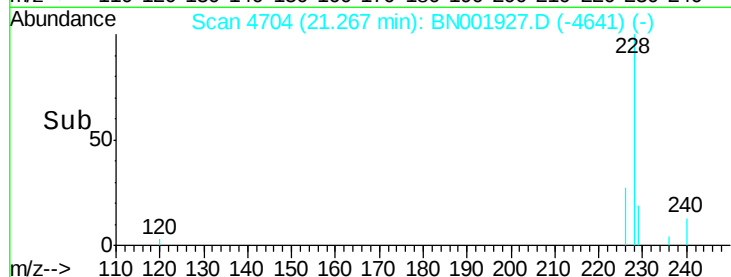
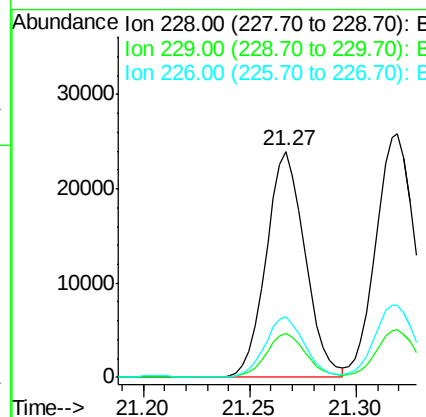
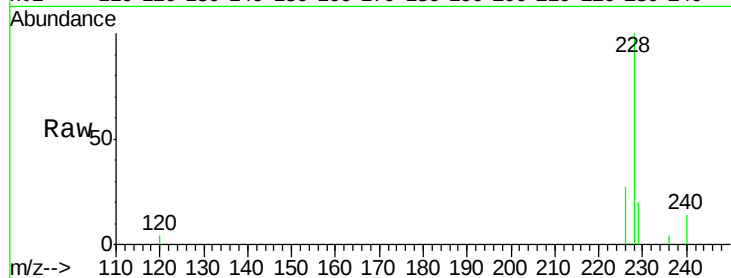




#18
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. -0.01 min
Lab File: BN001927.D
Acq: 02 Jul 2018 08:54

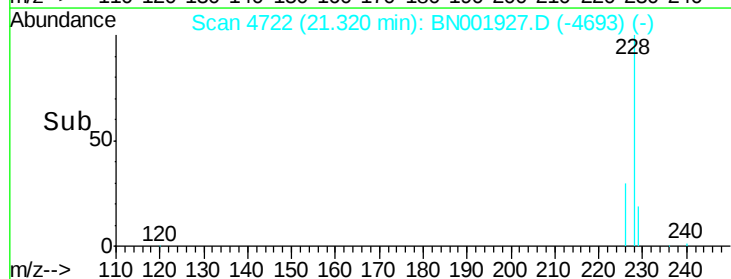
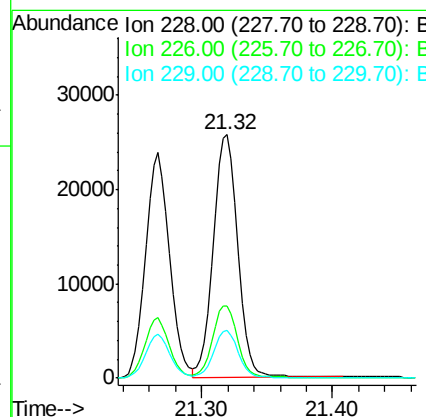
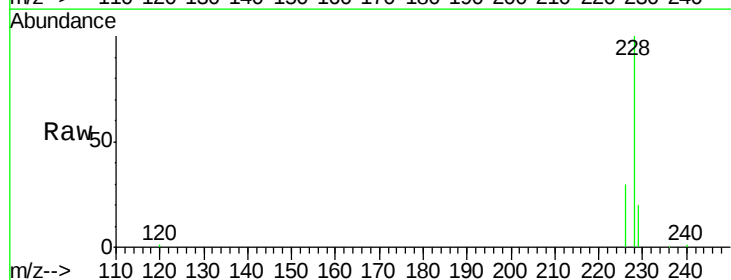
Instrument :
BNA_N
ClientSampleId :

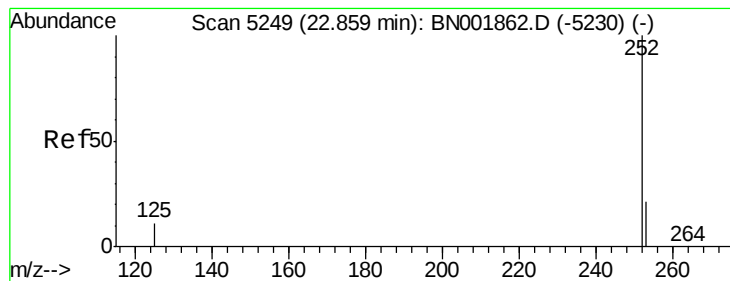
Tot Ion:228 Resp: 30123
Ion Ratio Lower Upper
228 100
229 19.5 22.8 34.2#
226 27.0 17.0 25.6#



#19
Chrysene
Concen: 0.393 ng/ul
RT: 21.32 min Scan# 4722
Delta R.T. -0.01 min
Lab File: BN001927.D
Acq: 02 Jul 2018 08:54

Tgt Ion:228 Resp: 33191
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.0
229 19.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.396 ng/ul

RT: 22.85 min Scan# 5244

Delta R.T. -0.02 min

Lab File: BN001927.D

Acq: 02 Jul 2018 08:54

Instrument :

BNA_N

ClientSampleId :

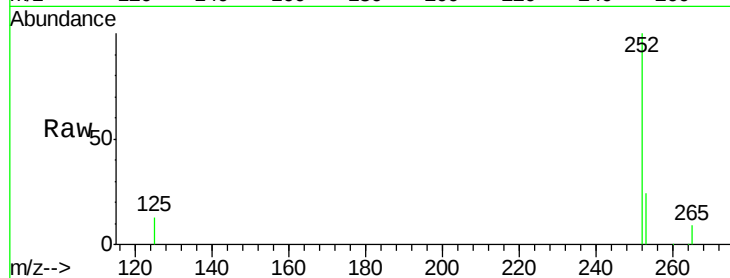
Tot Ion:252 Resp: 30135

Ion Ratio Lower Upper

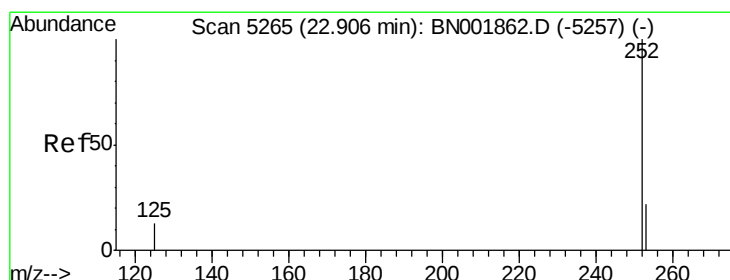
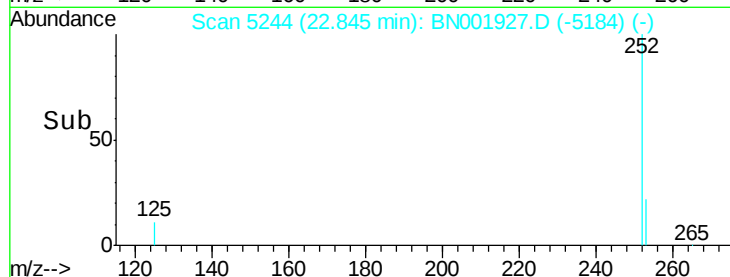
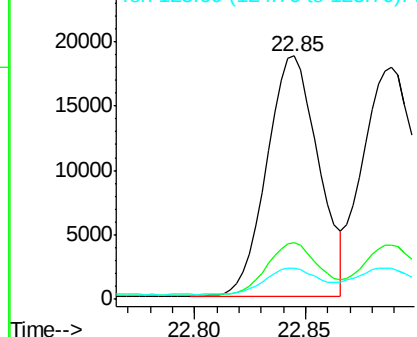
252 100

253 23.5 0.0 64.2

125 12.8 0.0 35.0



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: 0.413 ng/ul

RT: 22.89 min Scan# 5259

Delta R.T. -0.02 min

Lab File: BN001927.D

Acq: 02 Jul 2018 08:54

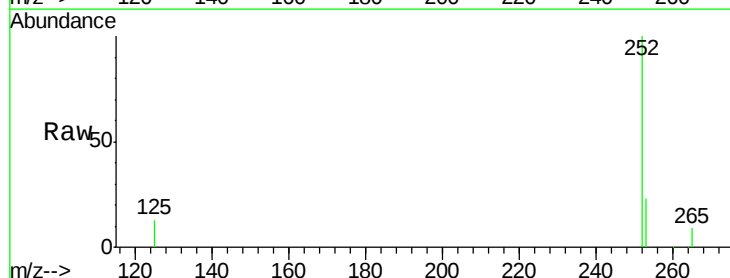
Tgt Ion:252 Resp: 31304

Ion Ratio Lower Upper

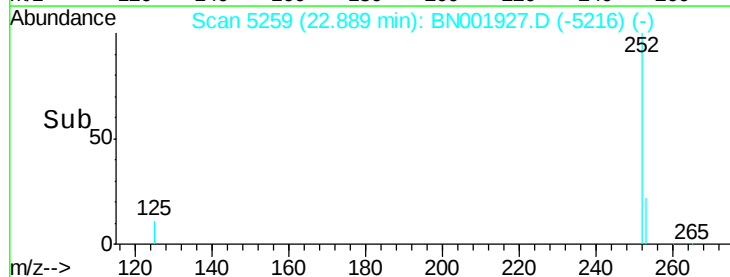
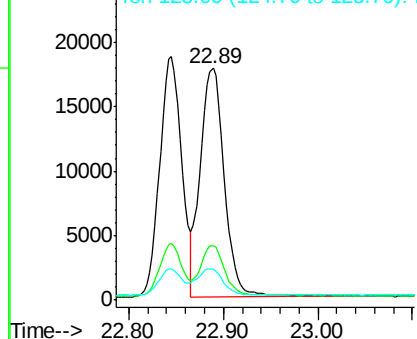
252 100

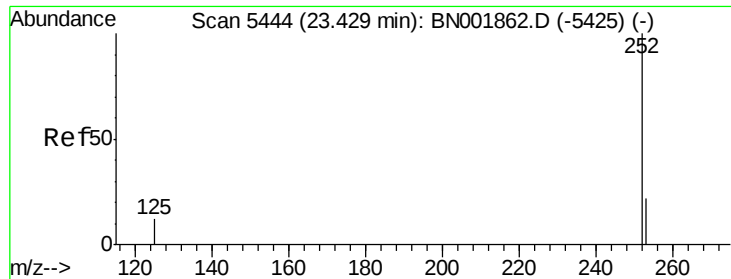
253 23.2 24.5 36.7#

125 13.4 13.7 20.5#



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





#23

Benzo(a)pyrene

Concen: 0.376 ng/u1

RT: 23.41 min Scan# 5438

Delta R.T. -0.03 min

Lab File: BN001927.D

Acq: 02 Jul 2018 08:54

Instrument :

BNA_N

ClientSampleId :

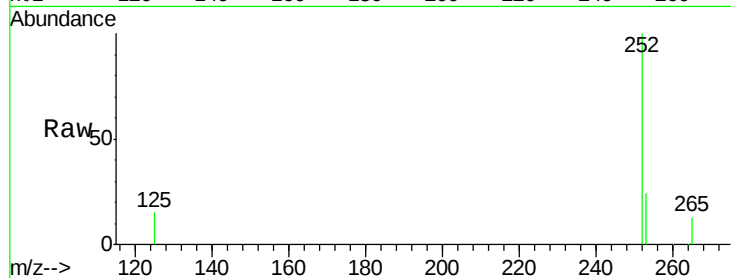
Tot Ion:252 Resp: 26550

Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

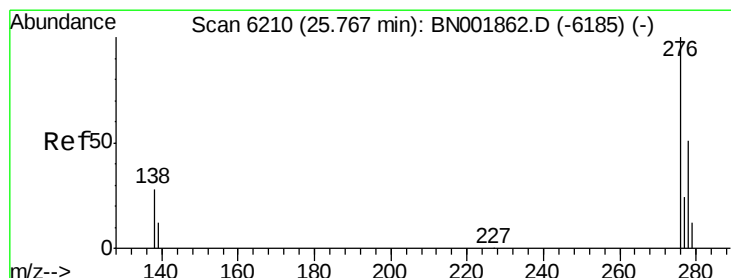
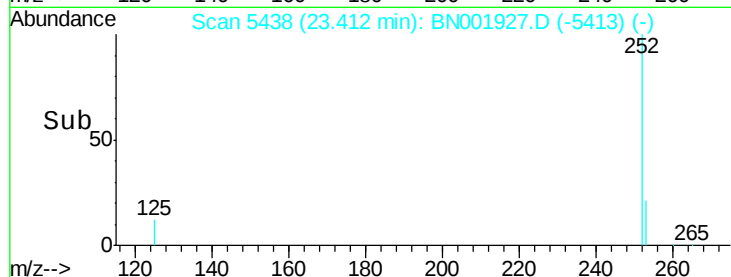
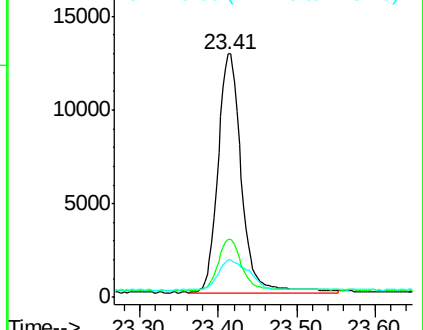
125 15.2 12.0 18.0



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: 0.375 ng/u1

RT: 25.74 min Scan# 6202

Delta R.T. -0.04 min

Lab File: BN001927.D

Acq: 02 Jul 2018 08:54

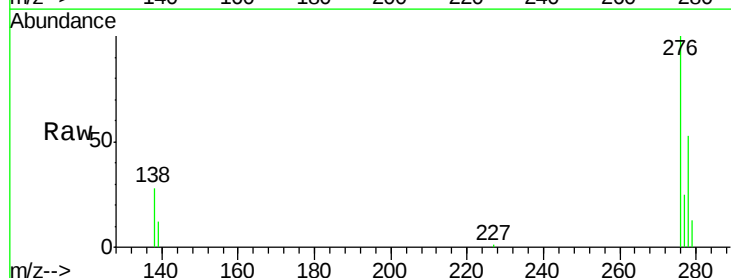
Tgt Ion:276 Resp: 29736

Ion Ratio Lower Upper

276 100

138 29.0 28.0 42.0

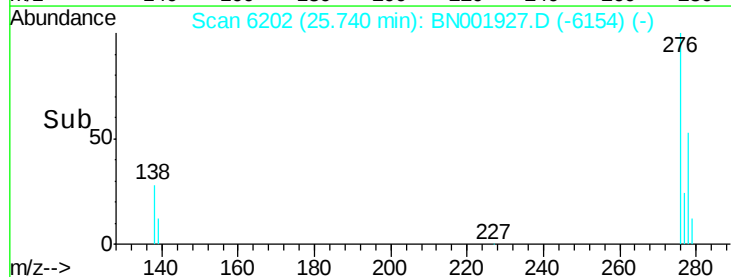
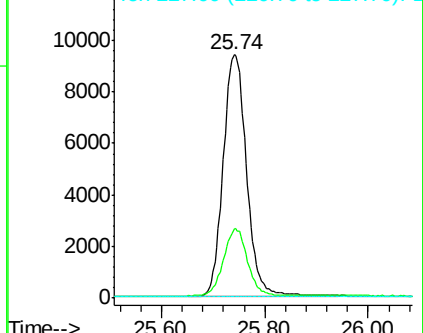
227 0.3 0.8 1.2#

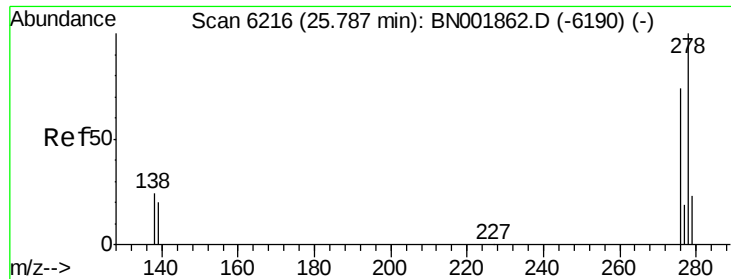


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

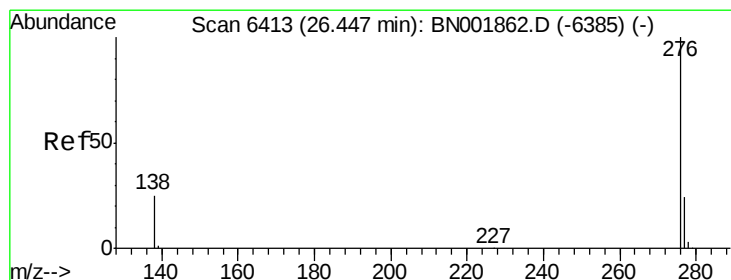
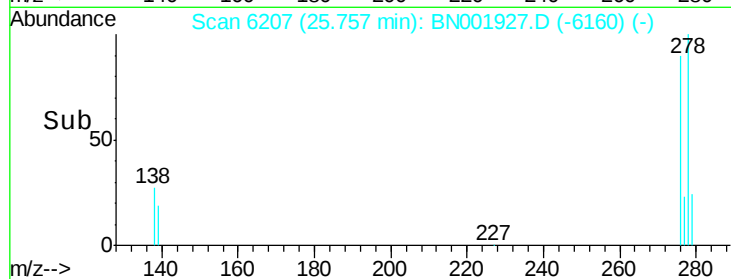
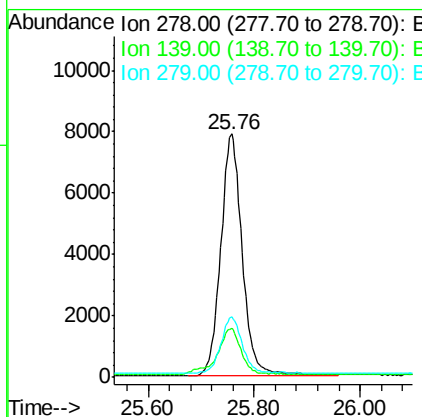
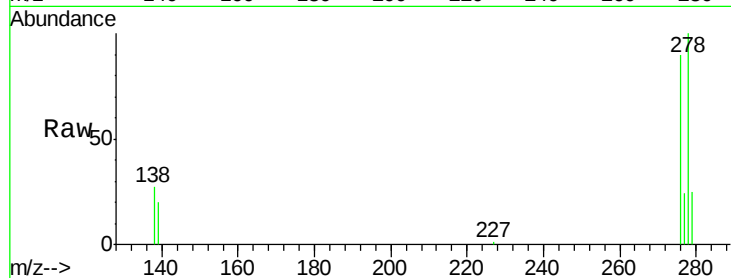




#25
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.76 min Scan# 6207
Delta R.T. -0.04 min
Lab File: BN001927.D
Acq: 02 Jul 2018 08:54

Instrument :
BNA_N
ClientSampled :

Tot Ion:278 Resp: 22143
Ion Ratio Lower Upper
278 100
139 20.0 17.4 26.0
279 25.1 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. -0.04 min
Lab File: BN001927.D
Acq: 02 Jul 2018 08:54

Tgt Ion:276 Resp: 25579
Ion Ratio Lower Upper
276 100
138 25.7 21.8 32.8
277 24.3 20.5 30.7

