

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003053.D
 Acq On : 10 Oct 2018 06:40
 Operator : MJ/SJ
 Sample : J5115-20DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 08:39:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 08:36:11 2018
 Response via : Initial Calibration

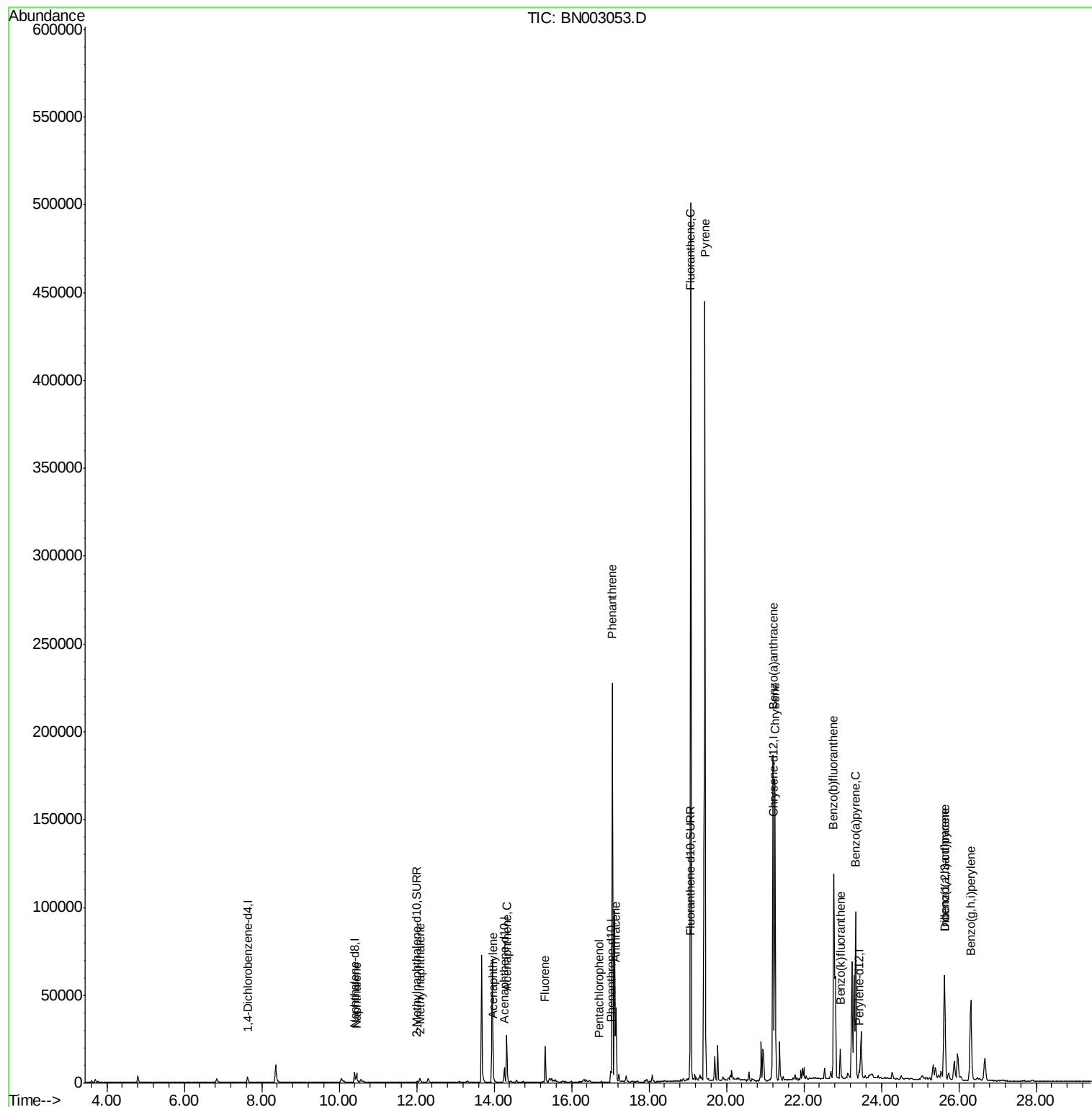
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1968	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	8166	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4495	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	10060	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7041	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	6417	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	709	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	1649	0.06	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	7960	0.380	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	2018	0.140	ng/ul	98
7) Acenaphthylene	13.98	152	1303	0.063	ng/ul#	87
8) Acenaphthene	14.32	153	16047	1.028	ng/ul	99
9) Fluorene	15.32	166	13719	0.768	ng/ul	100
11) Pentachlorophenol	16.72	266	22	0.023	ng/ul#	70
12) Phenanthrene	17.06	178	242444	8.645	ng/ul	98
13) Anthracene	17.15	178	45603	1.722	ng/ul	99
15) Fluoranthene	19.08	202	430341	13.081	ng/ul	100
17) Pyrene	19.45	202	370593	13.552	ng/ul	95
18) Benzo(a)anthracene	21.21	228	154549	6.821	ng/ul	99
19) Chrysene	21.26	228	161795	7.032	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	245606	10.628	ng/ul	91
22) Benzo(k)fluoranthene	22.94	252	15868	0.662	ng/ul	95
23) Benzo(a)pyrene	23.34	252	128259	6.193	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.63	276	90787	3.815	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.63	278	21302	1.118	ng/ul	96
26) Benzo(g,h,i)perylene	26.31	276	90987	4.534	ng/ul	93

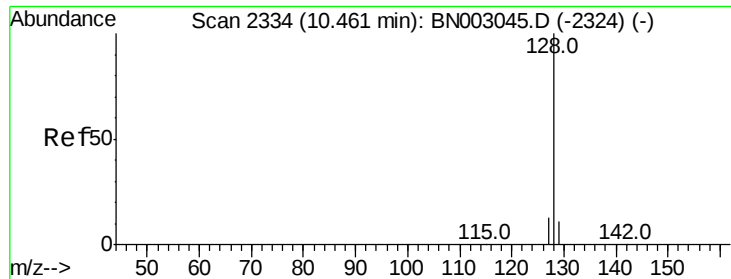
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.380 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :

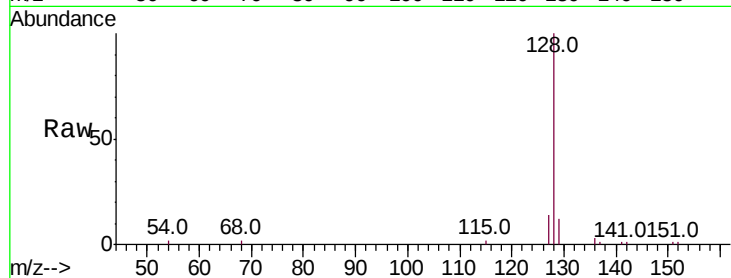
Tot Ion:128 Resp: 7960

Ion Ratio Lower Upper

128 100

129 12.0 10.4 15.6

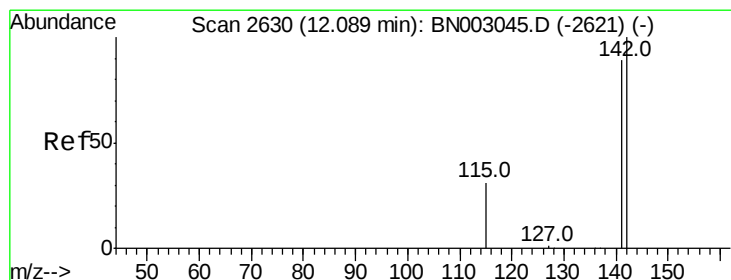
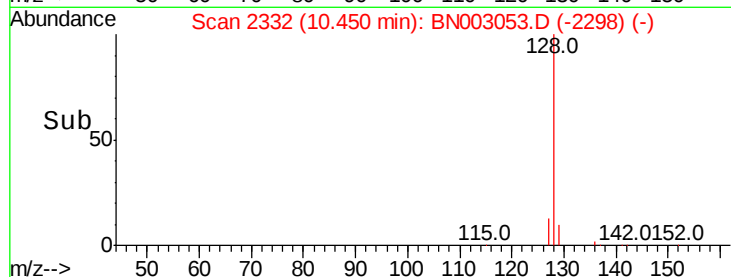
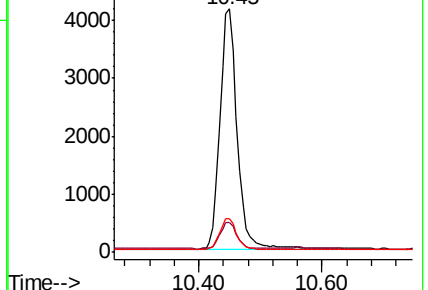
127 13.6 11.7 17.5



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: 0.140 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN003053.D

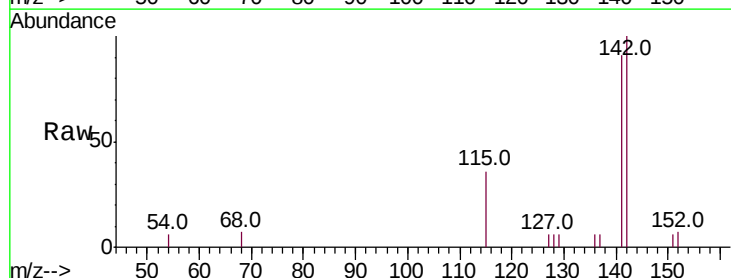
Acq: 10 Oct 2018 06:40

Tgt Ion:142 Resp: 2018

Ion Ratio Lower Upper

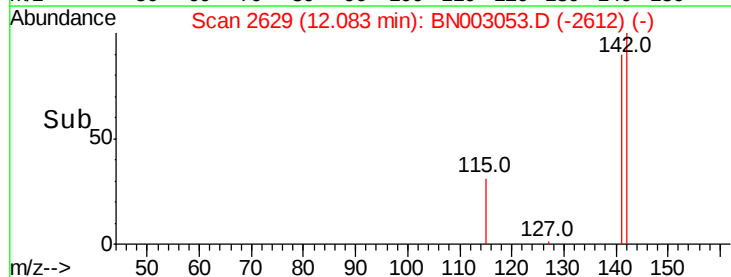
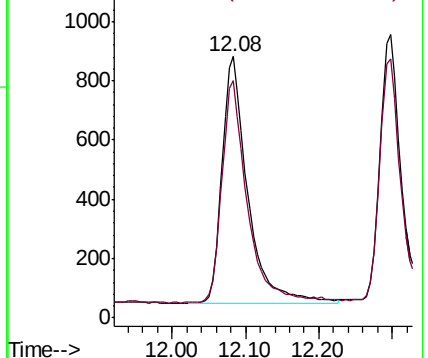
142 100

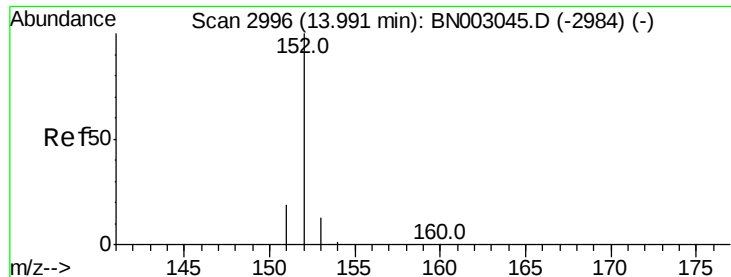
141 89.7 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.063 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :

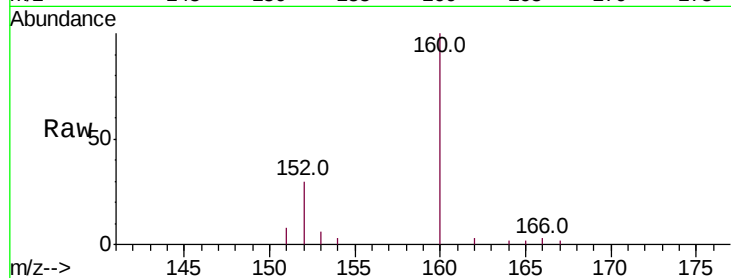
Tot Ion:152 Resp: 1303

Ion Ratio Lower Upper

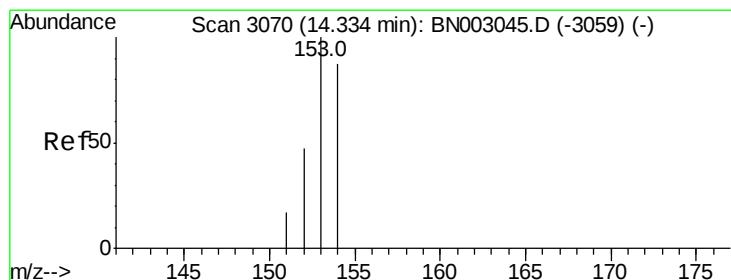
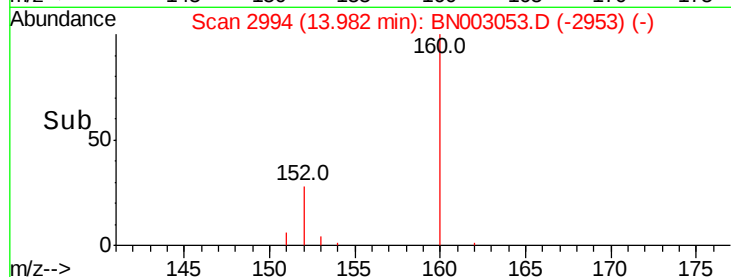
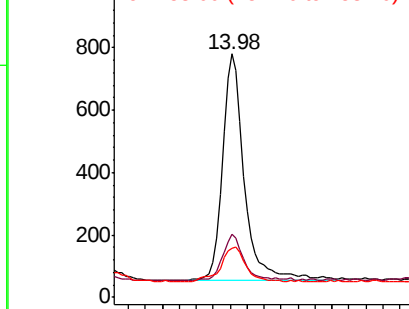
152 100

151 26.0 16.5 24.7#

153 20.2 11.4 17.2#



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: 1.028 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

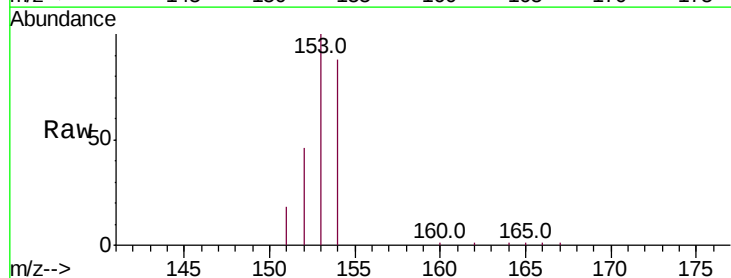
Tgt Ion:153 Resp: 16047

Ion Ratio Lower Upper

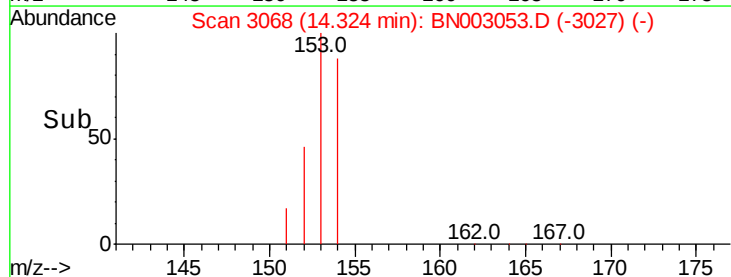
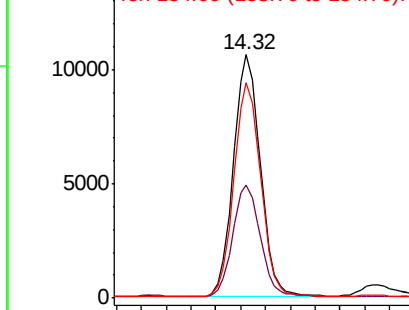
153 100

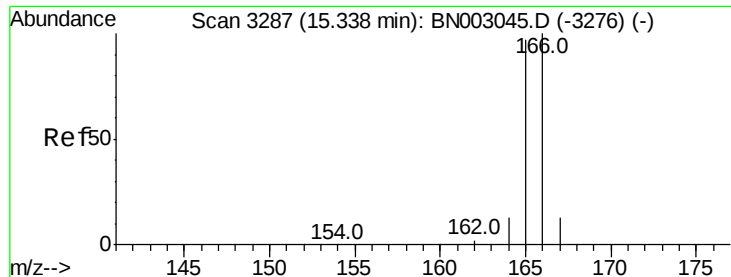
152 46.4 38.2 57.4

154 88.3 70.2 105.2



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: 0.768 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :

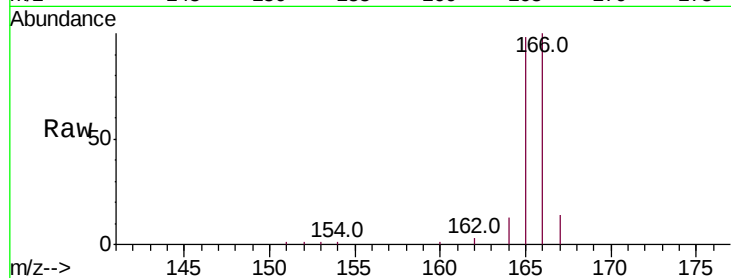
Tot Ion:166 Resp: 13719

Ion Ratio Lower Upper

166 100

165 98.0 78.5 117.7

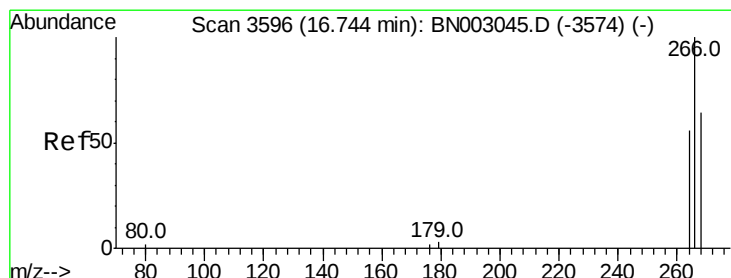
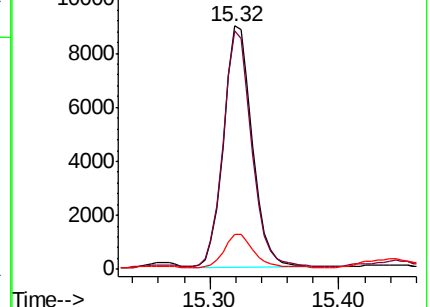
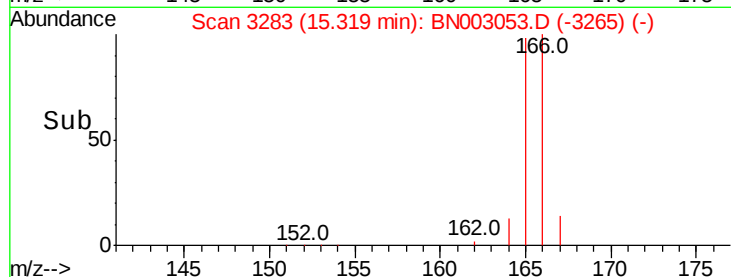
167 14.2 11.6 17.4



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: 0.023 ng/ul

RT: 16.72 min Scan# 3590

Delta R.T. -0.03 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

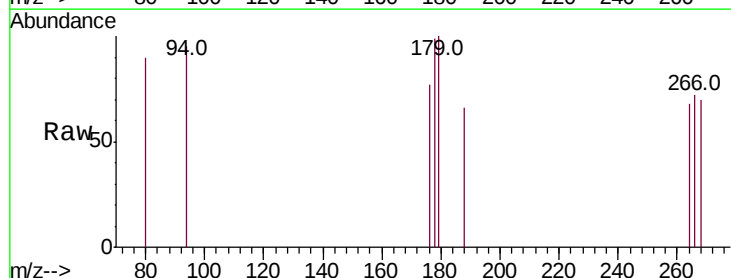
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 31.8 52.5 78.7#

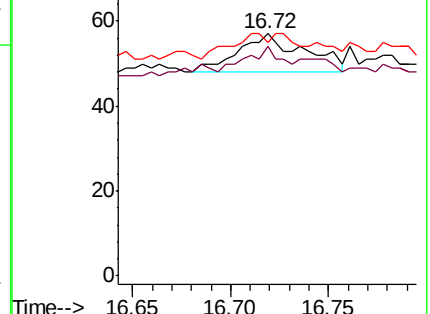
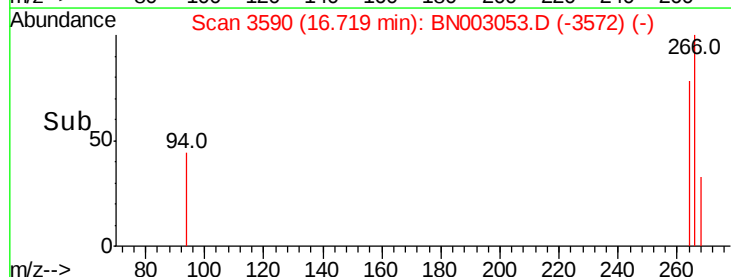
268 72.7 48.6 72.8

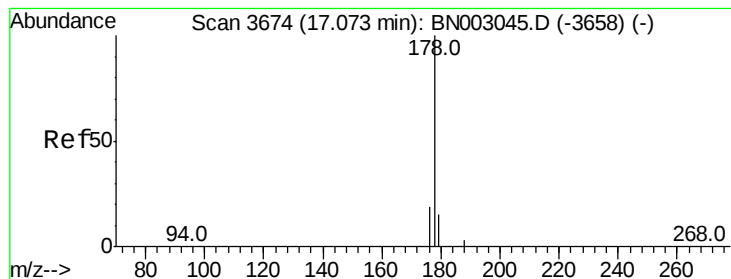


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 8.645 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :

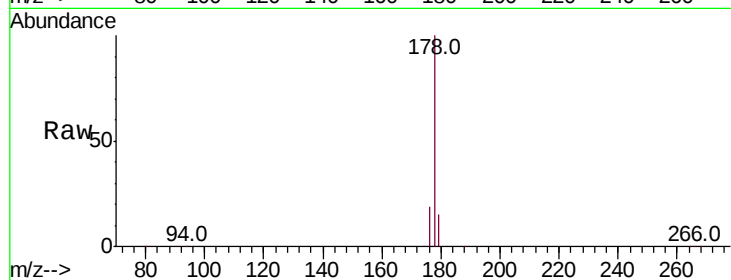
Tot Ion:178 Resp: 242444

Ion Ratio Lower Upper

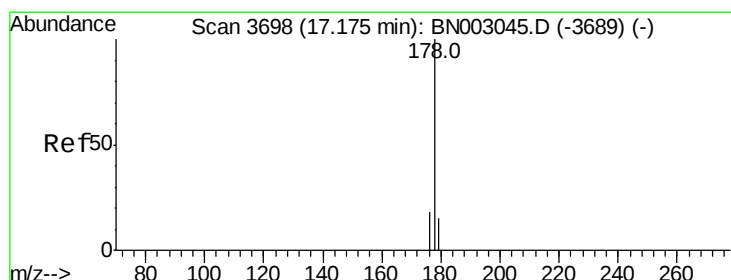
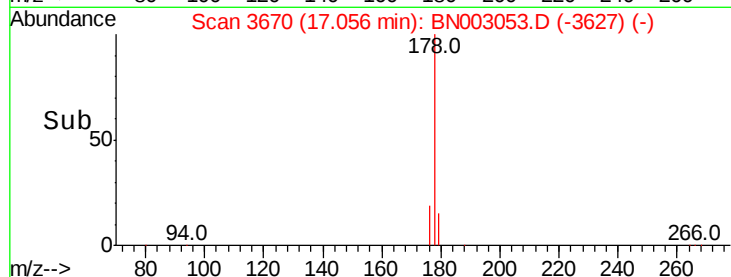
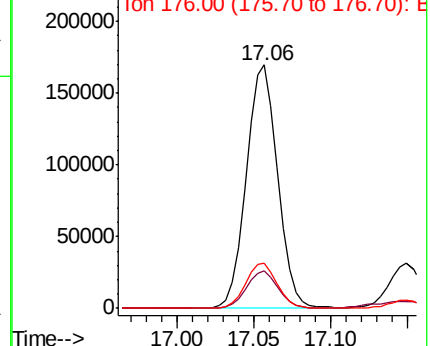
178 100

179 15.4 12.9 19.3

176 18.6 15.4 23.2



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: 1.722 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

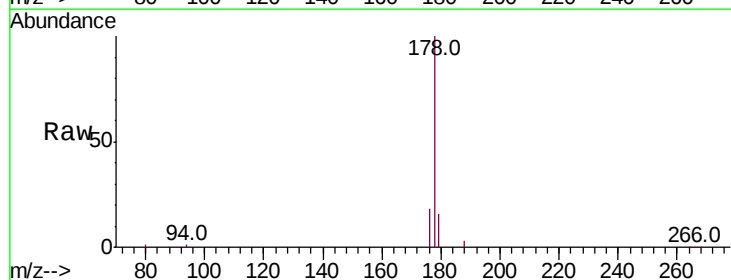
Tgt Ion:178 Resp: 45603

Ion Ratio Lower Upper

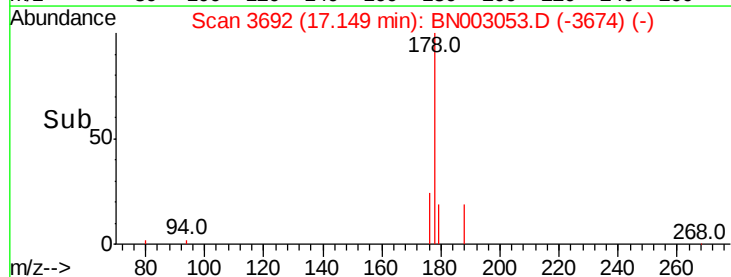
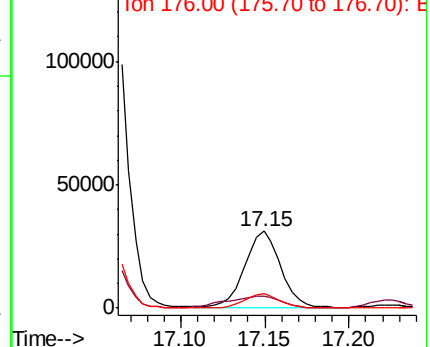
178 100

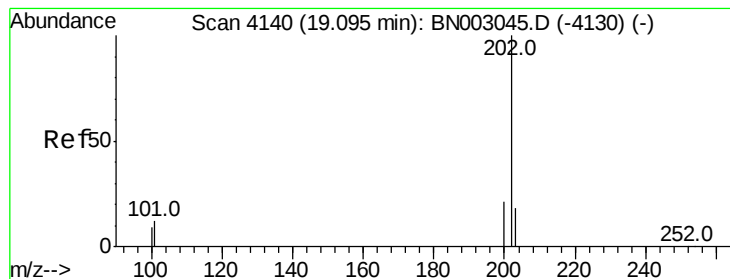
179 16.4 13.0 19.6

176 18.2 15.3 22.9



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: 13.081 ng/ul

RT: 19.08 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :

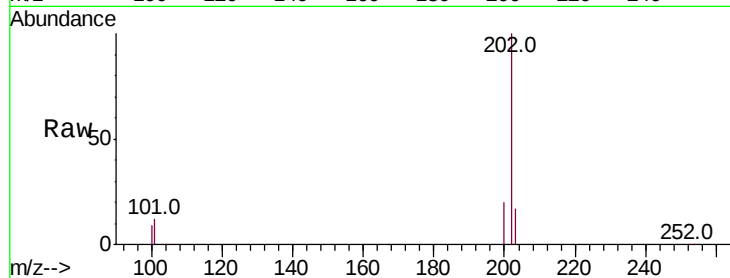
Tot Ion:202 Resp: 430341

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.3

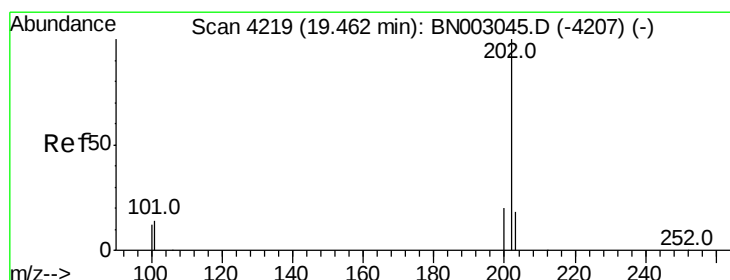
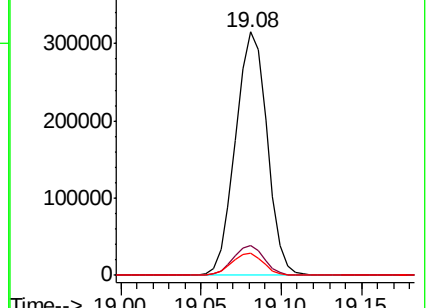
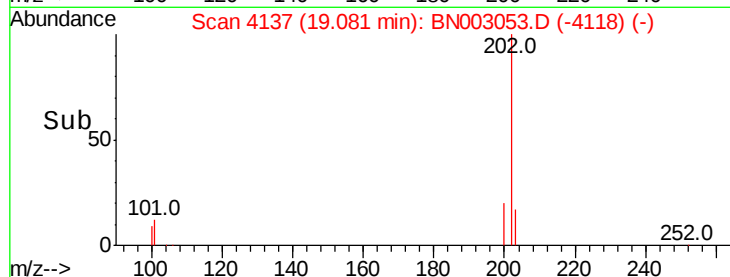
100 9.1 0.0 29.1



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: 13.552 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

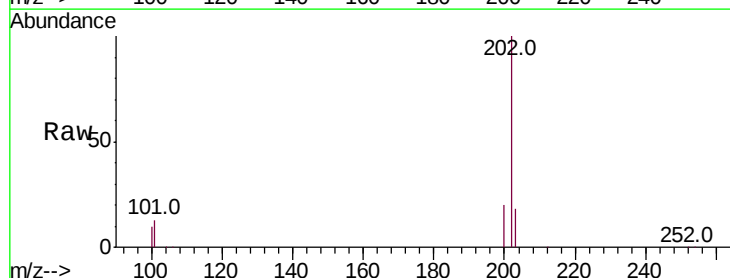
Tgt Ion:202 Resp: 370593

Ion Ratio Lower Upper

202 100

101 13.2 11.9 17.9

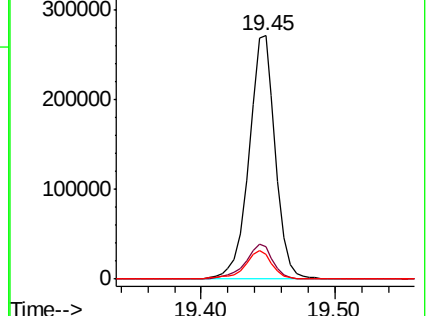
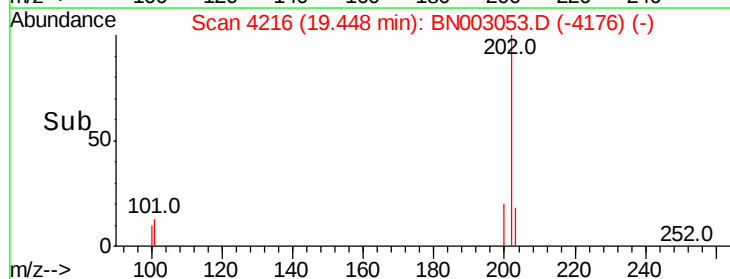
100 10.4 9.9 14.9

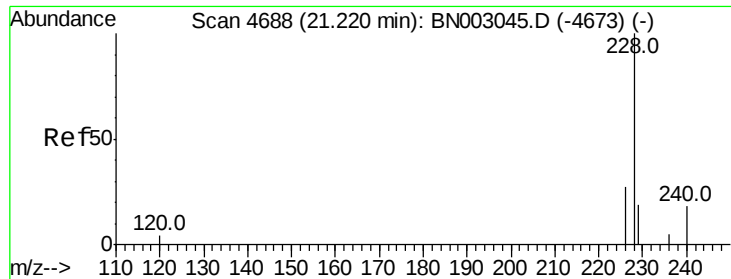


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

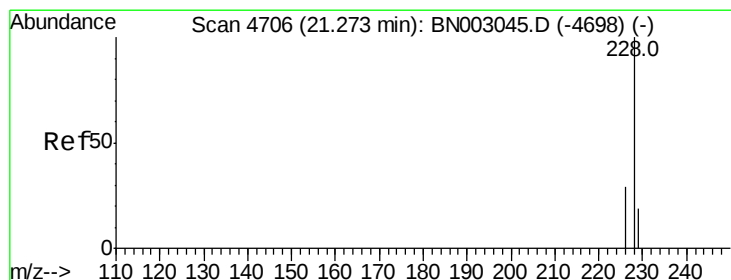
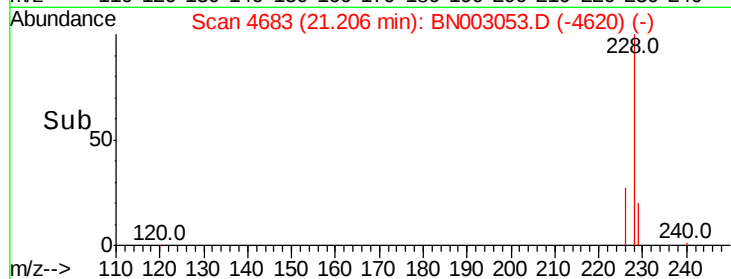
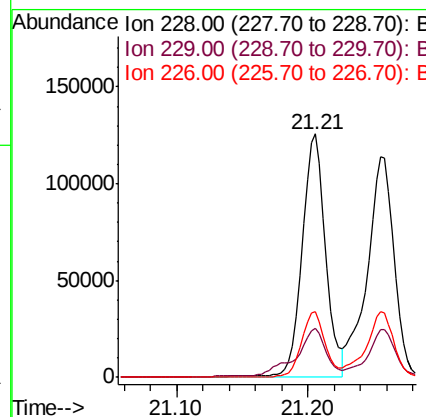
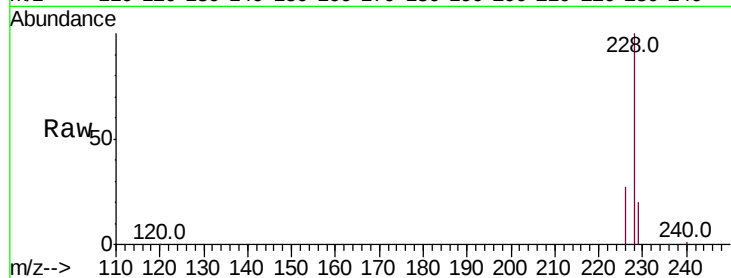




#18
Benzo(a)anthracene
Concen: 6.821 ng/ul
RT: 21.21 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

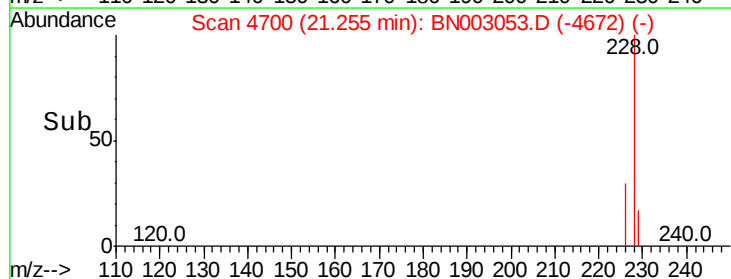
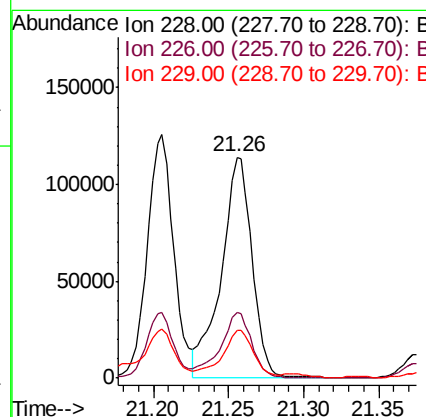
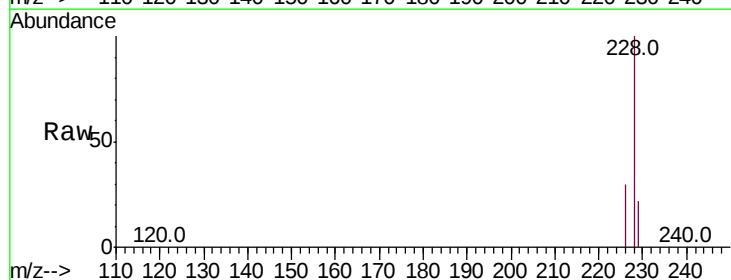
Instrument :
BNA_N
ClientSampleId :

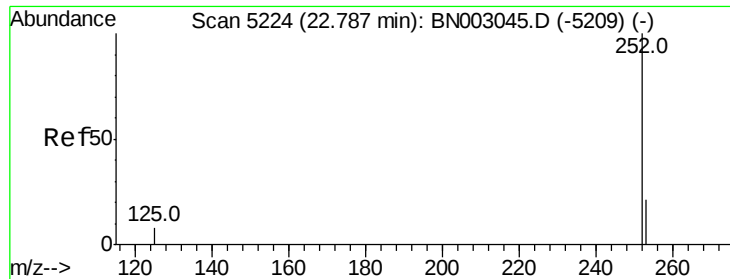
Tot Ion:228 Resp: 154549
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 26.9 22.3 33.5



#19
Chrysene
Concen: 7.032 ng/ul
RT: 21.26 min Scan# 4700
Delta R.T. -0.02 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:228 Resp: 161795
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 21.5 16.7 25.1





#21

Benzo(b)fluoranthene

Concen: 10.628 ng/ul

RT: 22.77 min Scan# 5219

Delta R.T. -0.01 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :

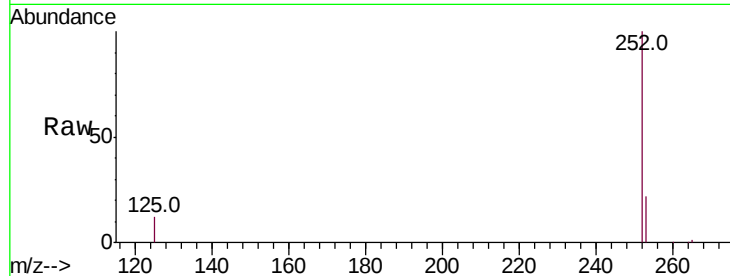
Tot Ion:252 Resp: 245606

Ion Ratio Lower Upper

252 100

253 22.4 0.0 53.2

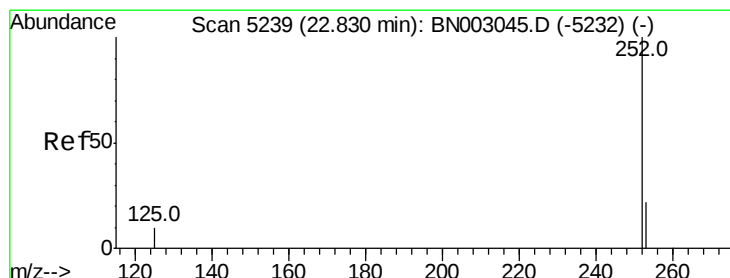
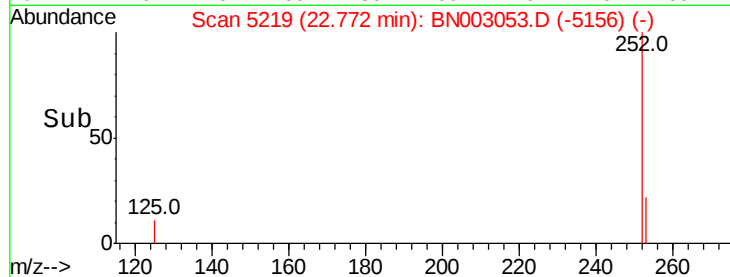
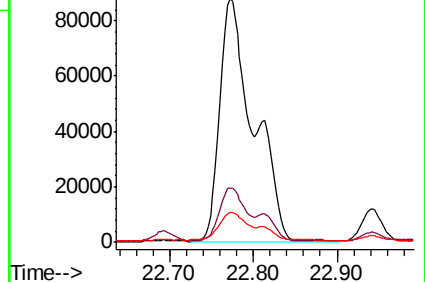
125 12.1 0.0 34.2



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: 0.662 ng/ul

RT: 22.94 min Scan# 5277

Delta R.T. 0.11 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

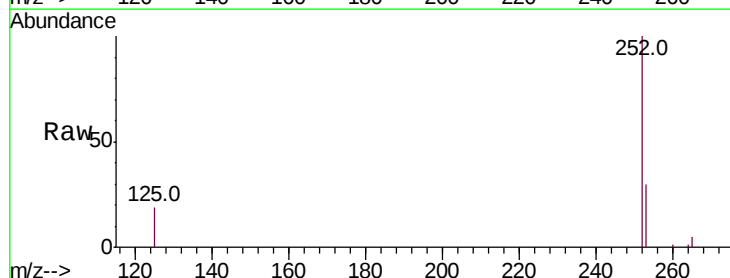
Tgt Ion:252 Resp: 15868

Ion Ratio Lower Upper

252 100

253 30.2 21.3 31.9

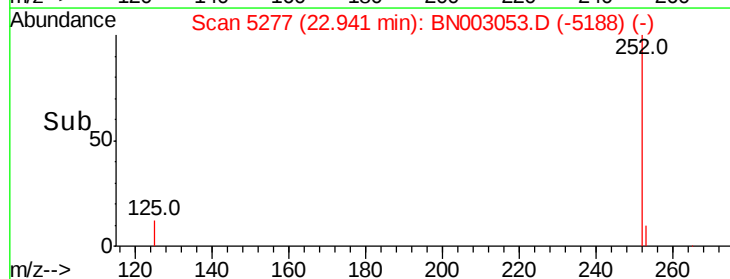
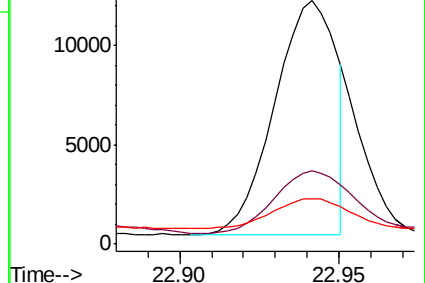
125 18.8 14.1 21.1

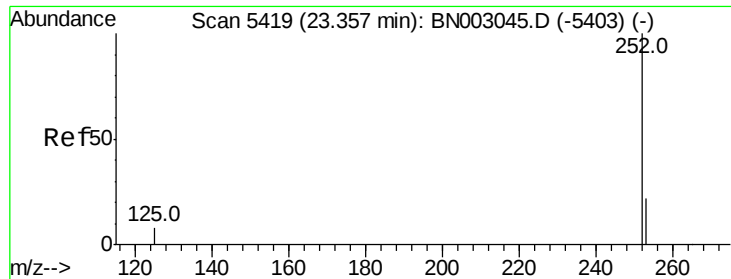


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 6.193 ng/ul

RT: 23.34 min Scan# 5412

Delta R.T. -0.02 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :

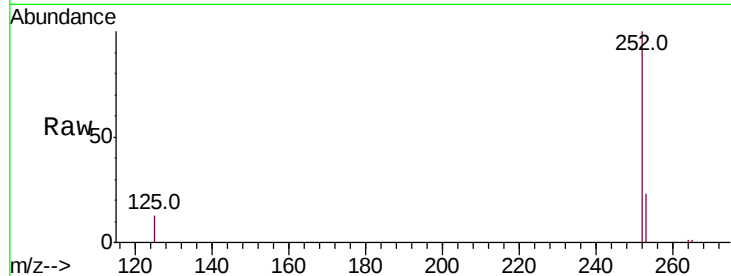
Tot Ion:252 Resp: 128259

Ion Ratio Lower Upper

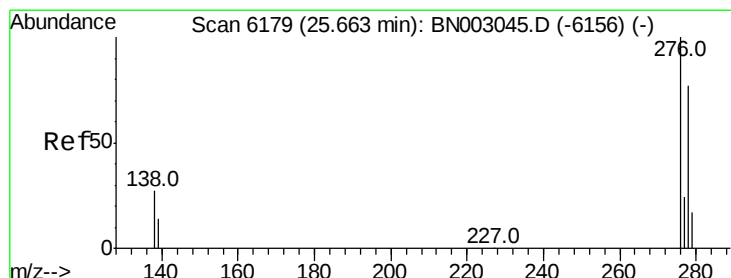
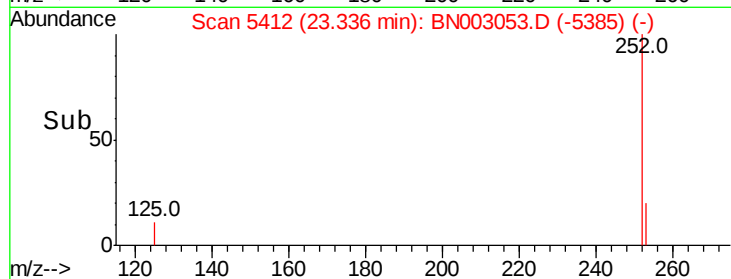
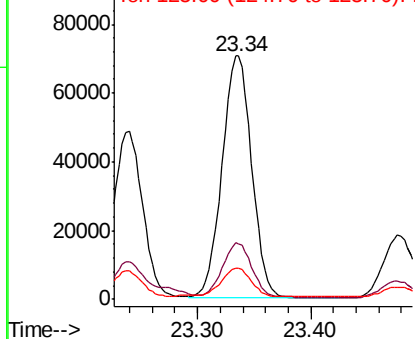
252 100

253 23.0 23.1 34.7#

125 12.7 16.9 25.3#



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: 3.815 ng/ul

RT: 25.63 min Scan# 6170

Delta R.T. -0.03 min

Lab File: BN003053.D

Acq: 10 Oct 2018 06:40

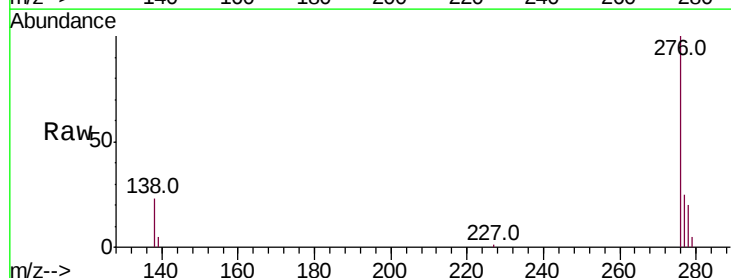
Tgt Ion:276 Resp: 90787

Ion Ratio Lower Upper

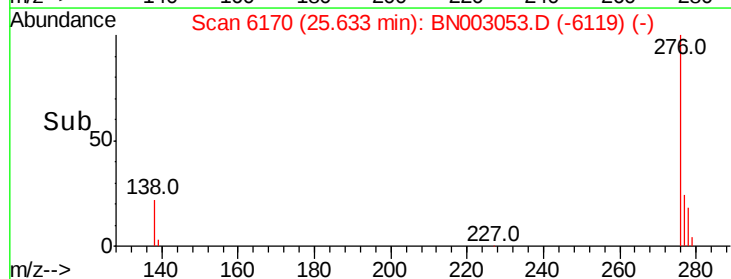
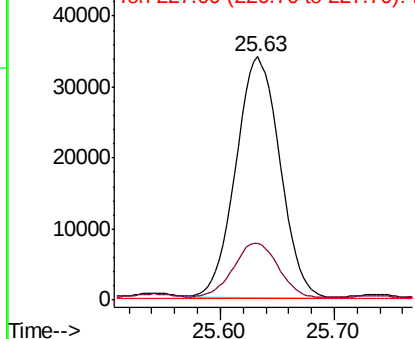
276 100

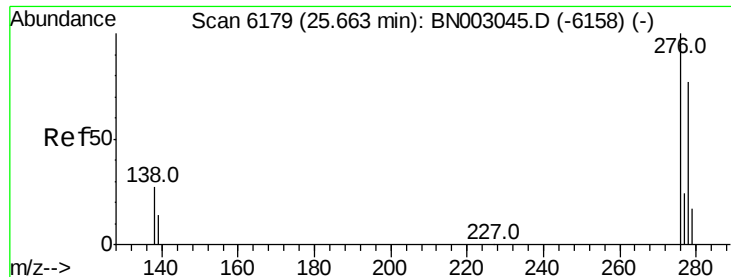
138 23.2 21.5 32.3

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



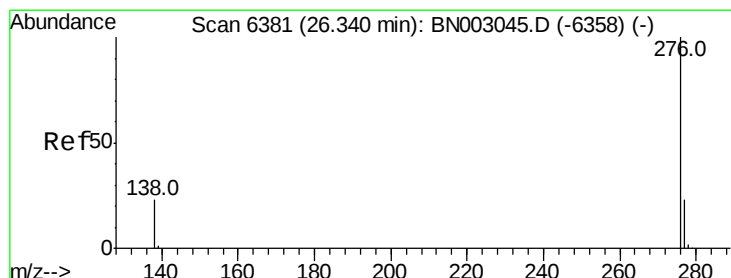
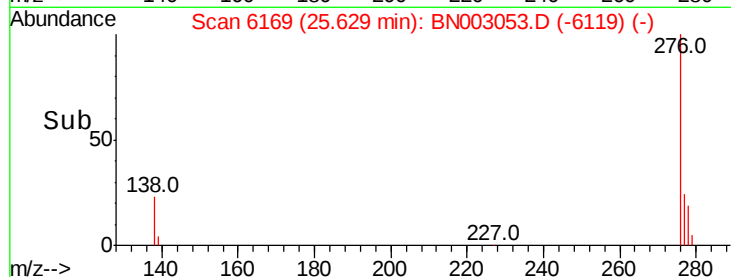
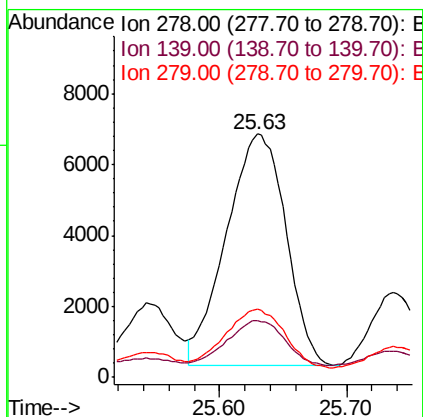
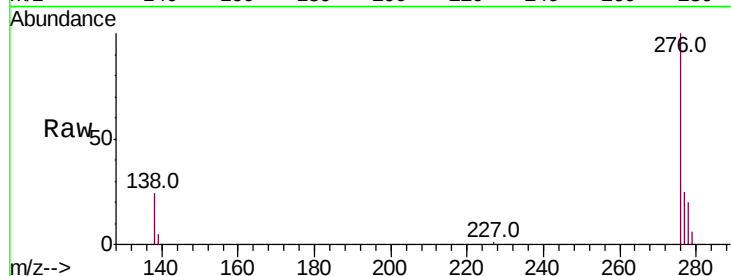


#25
Dibenzo(a,h)anthracene
Concen: 1.118 ng/ul
RT: 25.63 min Scan# 6169
Delta R.T. -0.03 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 21302

Ion	Ratio	Lower	Upper
278	100		
139	23.4	20.2	30.4
279	27.8	23.8	35.8



#26
Benzo(g,h,i)perylene
Concen: 4.534 ng/ul
RT: 26.31 min Scan# 6372
Delta R.T. -0.03 min
Lab File: BN003053.D
Acq: 10 Oct 2018 06:40

Tgt Ion:276 Resp: 90987

Ion	Ratio	Lower	Upper
276	100		
138	24.6	23.0	34.4
277	24.3	22.0	33.0

