

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003163.D
 Acq On : 13 Oct 2018 05:28
 Operator : MJ/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 13 06:03:55 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 : Sat Oct 13 05:59:15 2018
 Response via : Initial Calibration

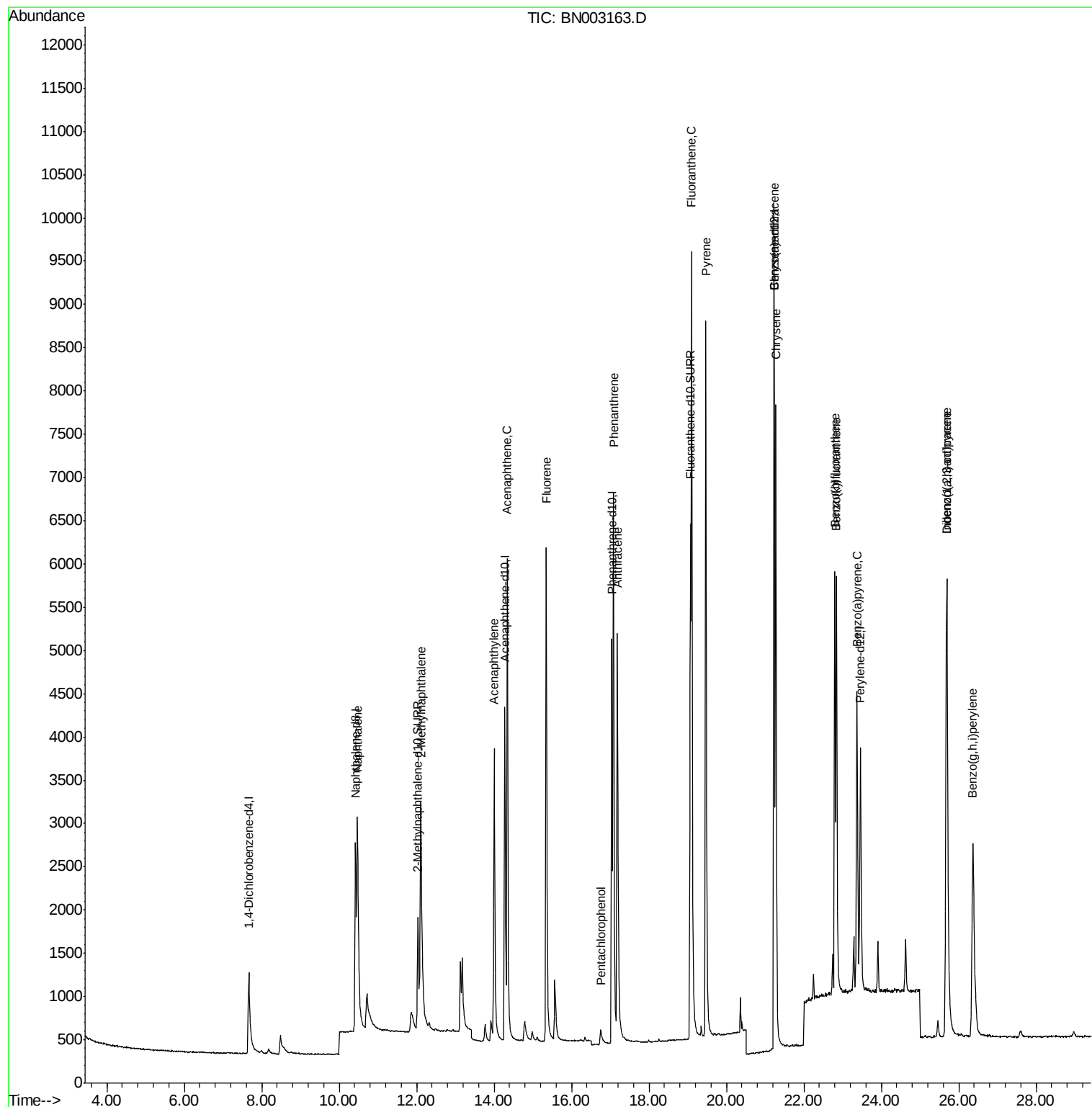
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	984	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	4936	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	2998	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	7089	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	5526	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	4619	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3369	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	8762	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	5451	0.430	ng/ul	98
5) 2-Methylnaphthalene	12.11	142	3840	0.440	ng/ul	100
7) Acenaphthylene	14.00	152	5832	0.425	ng/ul	100
8) Acenaphthene	14.34	153	4604	0.442	ng/ul	99
9) Fluorene	15.35	166	5324	0.447	ng/ul	100
11) Pentachlorophenol	16.76	266	316	0.459	ng/ul	95
12) Phenanthrene	17.08	178	8697	0.440	ng/ul	100
13) Anthracene	17.18	178	7976	0.427	ng/ul	100
15) Fluoranthene	19.10	202	9998	0.431	ng/ul	99
17) Pyrene	19.47	202	10150	0.473	ng/ul	98
18) Benzo(a)anthracene	21.23	228	7680	0.432	ng/ul	99
19) Chrysene	21.28	228	8069	0.447	ng/ul	100
21) Benzo(b)fluoranthene	22.80	252	6938	0.417	ng/ul	98
22) Benzo(k)fluoranthene	22.84	252	7186	0.417	ng/ul	97
23) Benzo(a)pyrene	23.37	252	6578	0.441	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.69	276	7612	0.444	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.68	278	6130	0.447	ng/ul	98
26) Benzo(g,h,i)perylene	26.36	276	6420	0.444	ng/ul	99

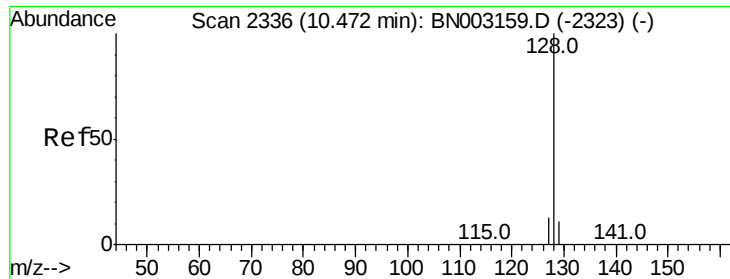
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.430 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

Instrument :

BNA_N

ClientSampleId :

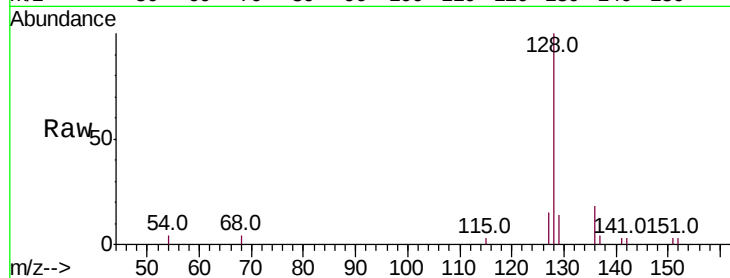
Tot Ion:128 Resp: 5451

Ion Ratio Lower Upper

128 100

129 13.8 10.4 15.6

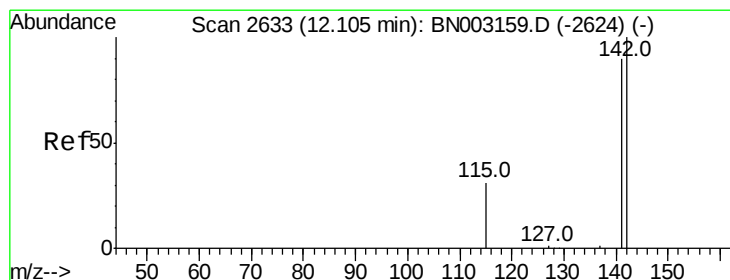
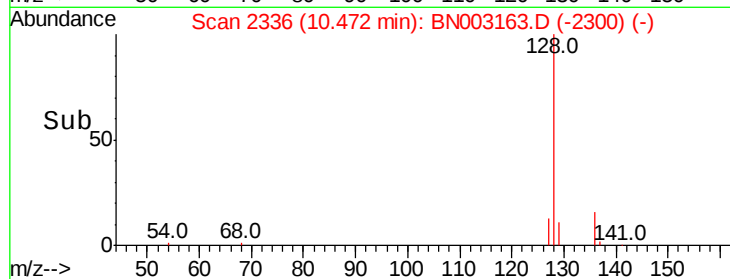
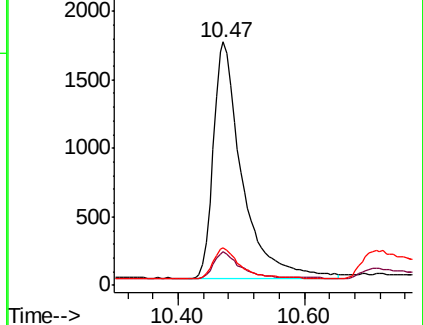
127 15.3 11.7 17.5



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: 0.440 ng/ul

RT: 12.11 min Scan# 2634

Delta R.T. 0.01 min

Lab File: BN003163.D

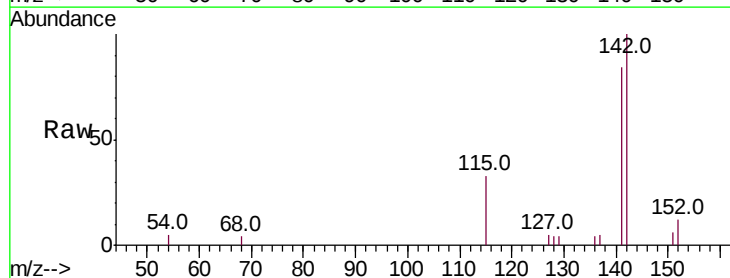
Acq: 13 Oct 2018 05:28

Tgt Ion:142 Resp: 3840

Ion Ratio Lower Upper

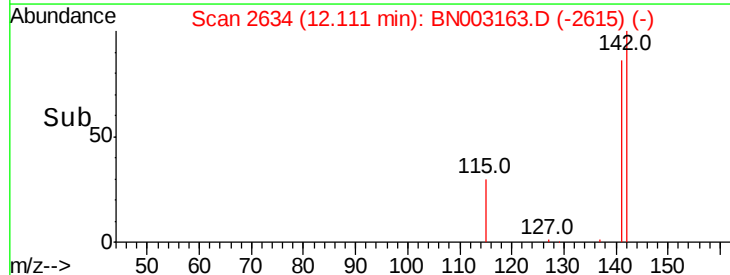
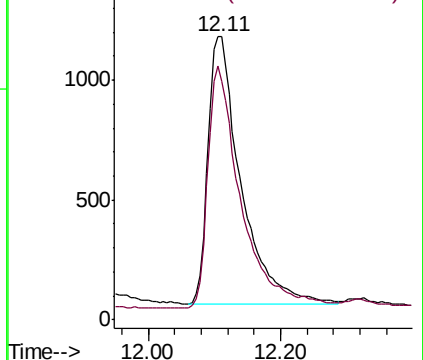
142 100

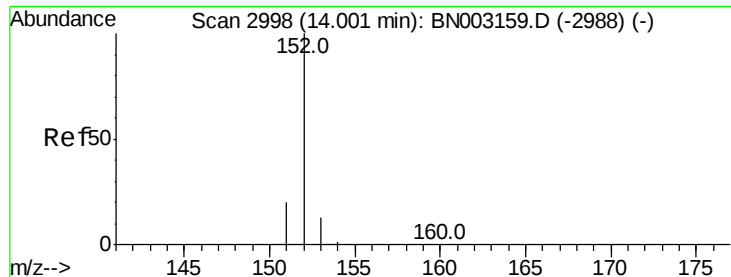
141 91.4 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.425 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

Instrument :

BNA_N

ClientSampleId :

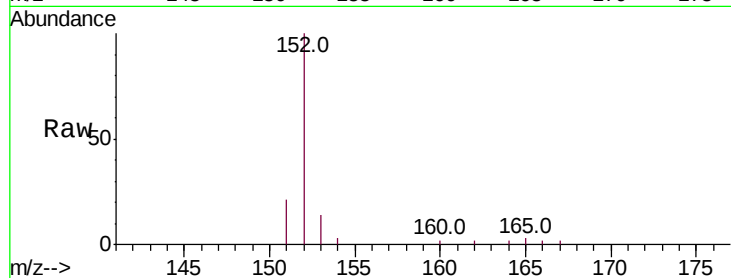
Tot Ion:152 Resp: 5832

Ion Ratio Lower Upper

152 100

151 20.7 16.5 24.7

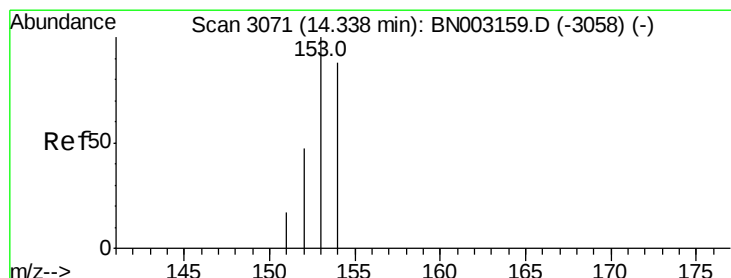
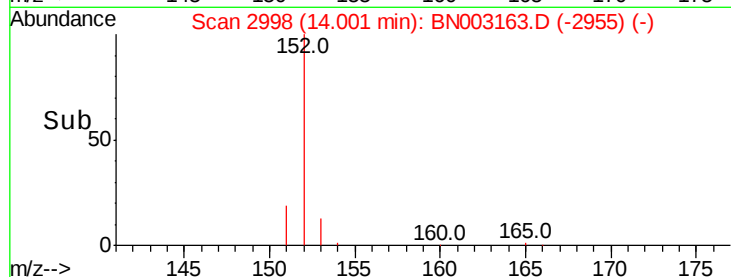
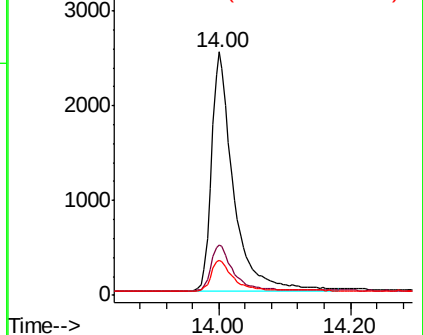
153 14.3 11.4 17.2



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: 0.442 ng/ul

RT: 14.34 min Scan# 3071

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

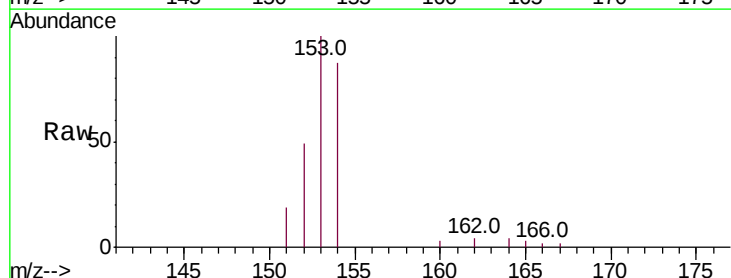
Tgt Ion:153 Resp: 4604

Ion Ratio Lower Upper

153 100

152 48.6 38.2 57.4

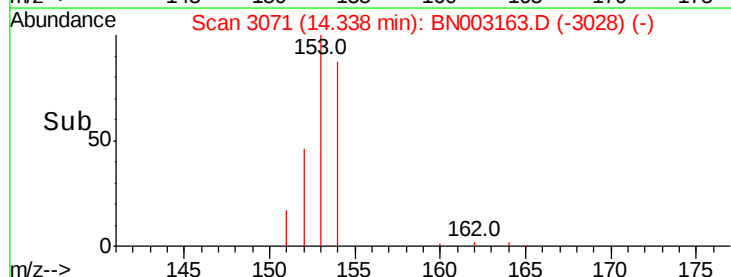
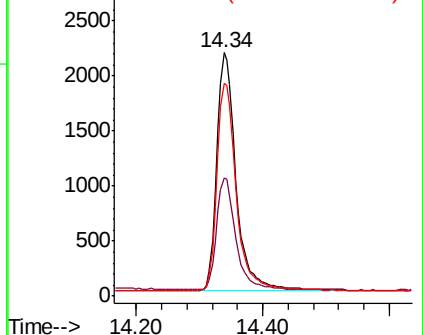
154 87.4 70.2 105.2

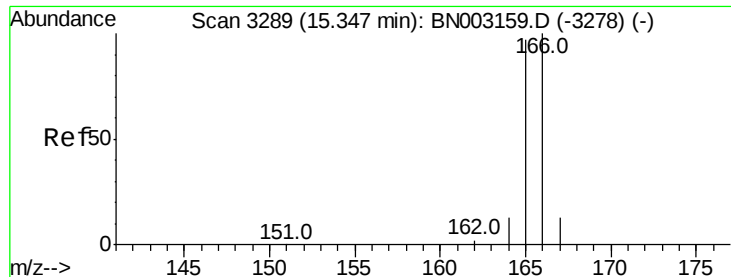


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

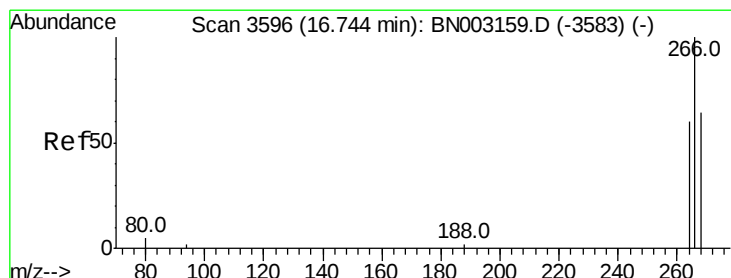
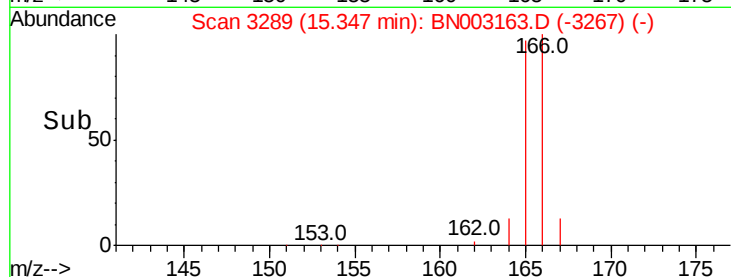
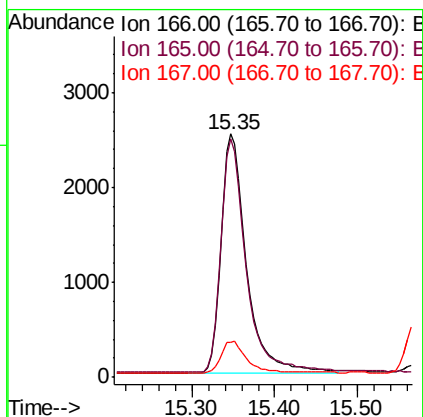
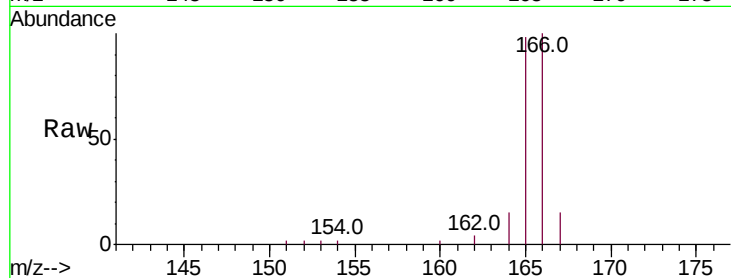




#9
Fluorene
 Concen: 0.447 ng/ul
 RT: 15.35 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: BN003163.D
 Acq: 13 Oct 2018 05:28

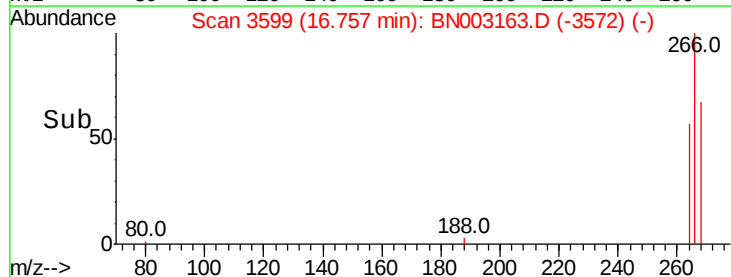
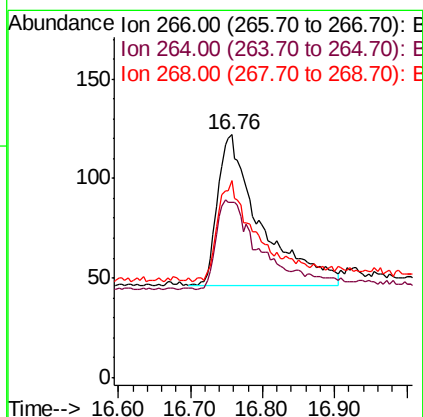
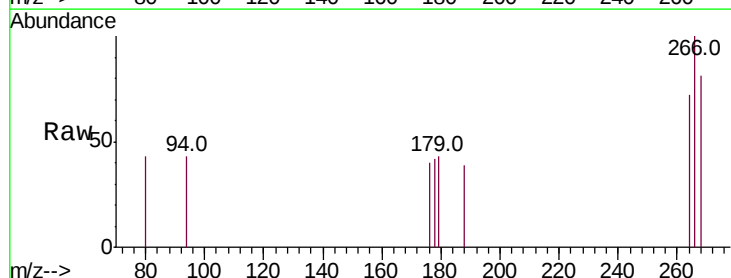
Instrument :
 BNA_N
 ClientSampleId :

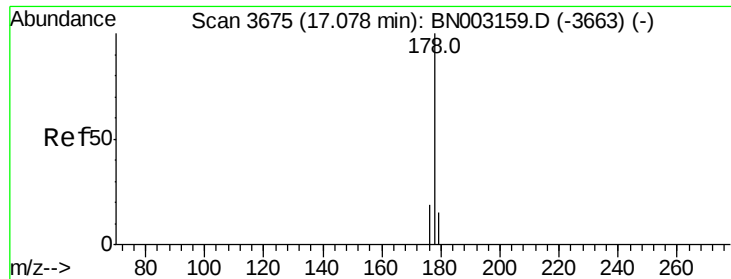
Tot Ion:166 Resp: 5324
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.5 117.7
 167 14.6 11.6 17.4



#11
Pentachlorophenol
 Concen: 0.459 ng/ul
 RT: 16.76 min Scan# 3599
 Delta R.T. 0.01 min
 Lab File: BN003163.D
 Acq: 13 Oct 2018 05:28

Tgt Ion:266 Resp: 316
 Ion Ratio Lower Upper
 266 100
 264 66.8 52.5 78.7
 268 67.7 48.6 72.8





#12

Phenanthrene

Concen: 0.440 ng/ul

RT: 17.08 min Scan# 3676

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

Instrument :

BNA_N

ClientSampleId :

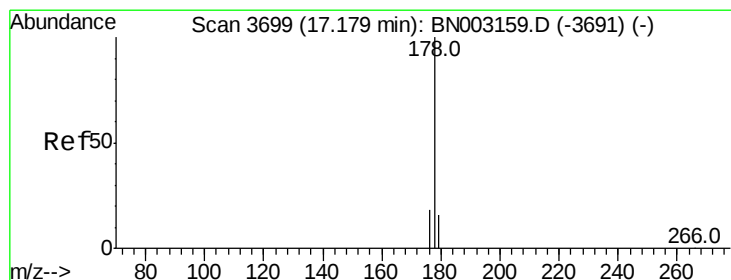
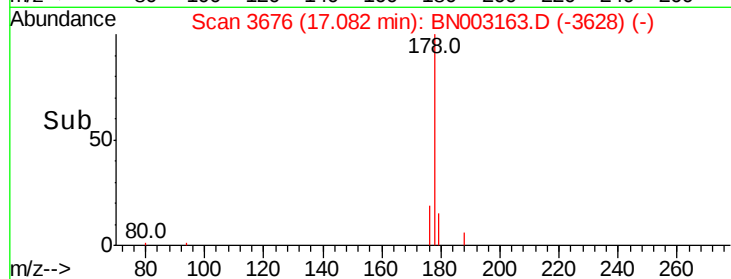
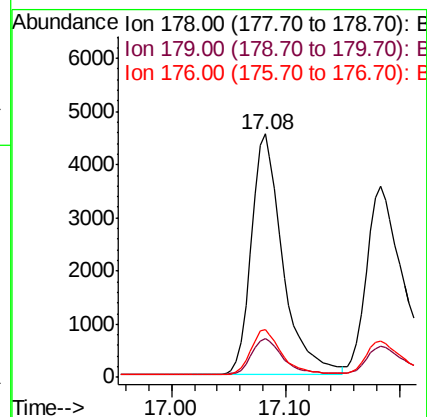
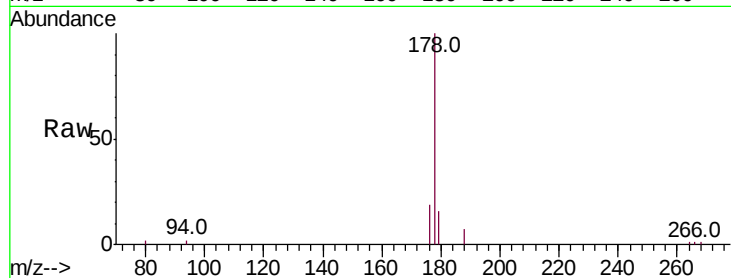
Tot Ion:178 Resp: 8697

Ion Ratio Lower Upper

178 100

179 15.9 12.9 19.3

176 19.4 15.4 23.2



#13

Anthracene

Concen: 0.427 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

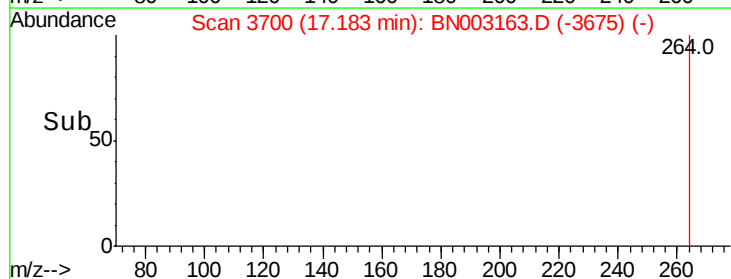
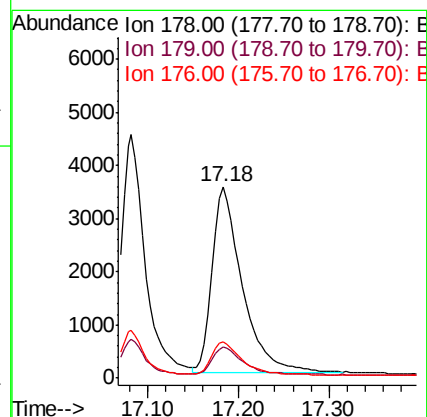
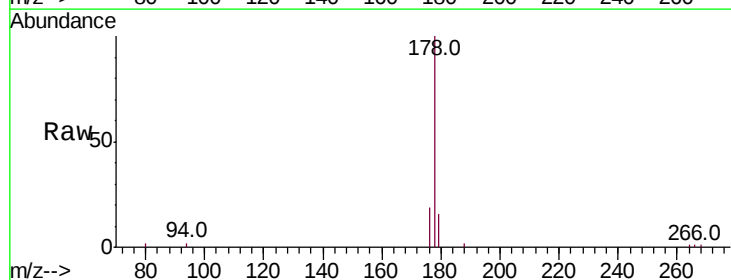
Tgt Ion:178 Resp: 7976

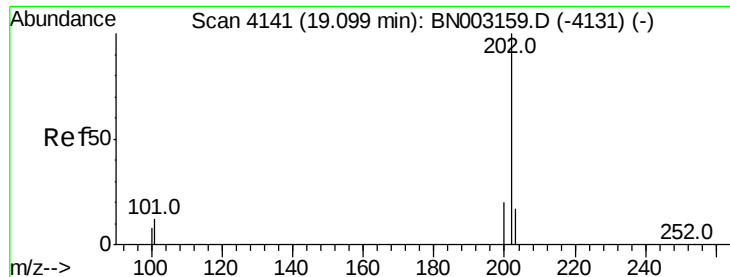
Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.6

176 18.8 15.3 22.9





#15

Fluoranthene

Concen: 0.431 ng/ul

RT: 19.10 min Scan# 4142

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

Instrument :

BNA_N

ClientSampleId :

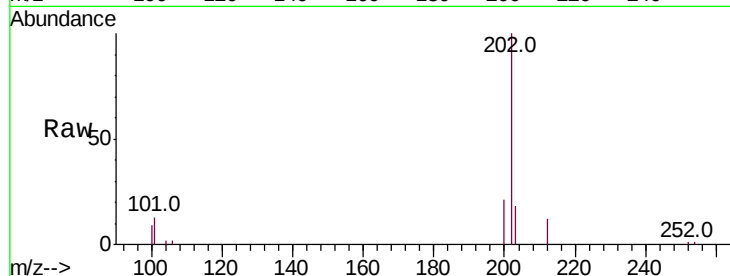
Tot Ion:202 Resp: 9998

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.3

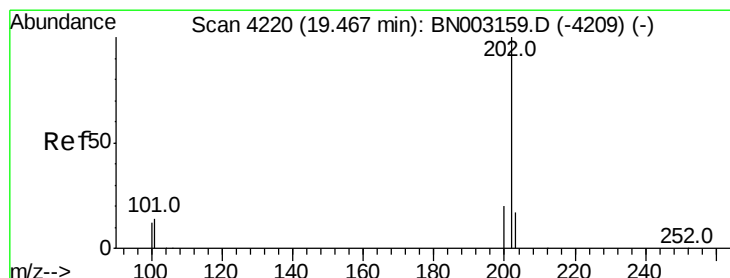
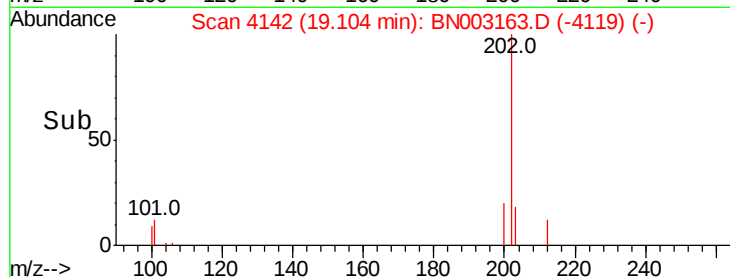
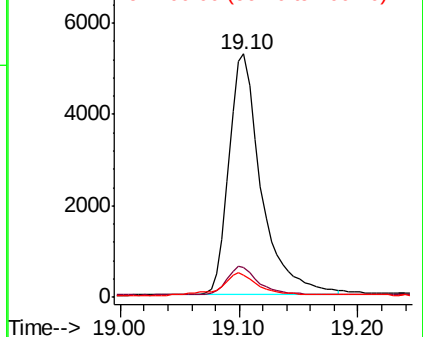
100 9.3 0.0 29.1



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: 0.473 ng/ul

RT: 19.47 min Scan# 4221

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

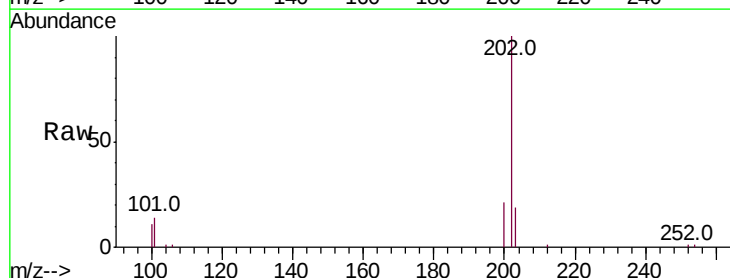
Tgt Ion:202 Resp: 10150

Ion Ratio Lower Upper

202 100

101 14.5 11.9 17.9

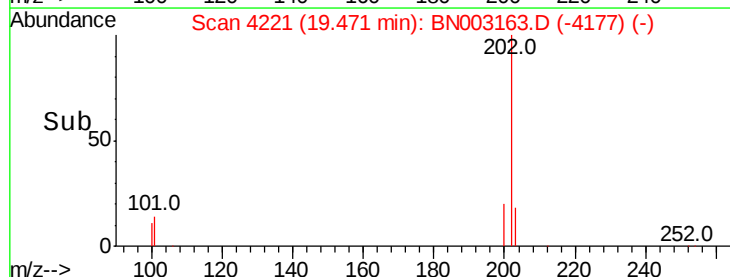
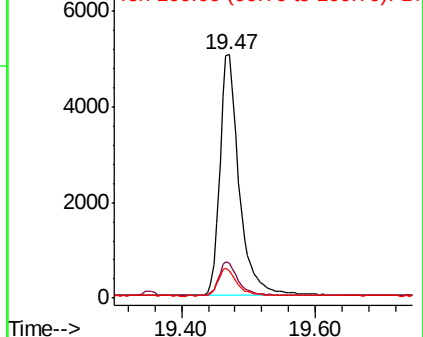
100 11.4 9.9 14.9

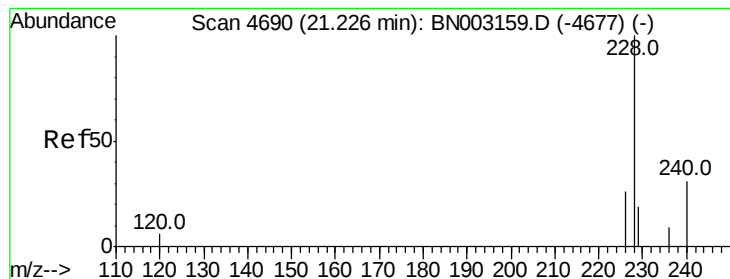


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.432 ng/ul

RT: 21.23 min Scan# 4690

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

Instrument :

BNA_N

ClientSampleId :

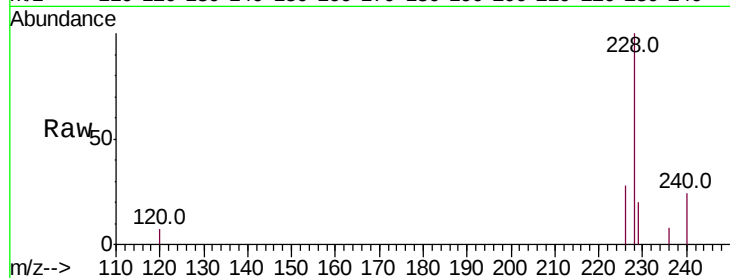
Tot Ion:228 Resp: 7680

Ion Ratio Lower Upper

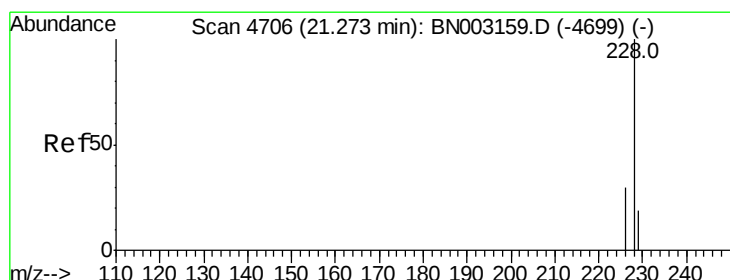
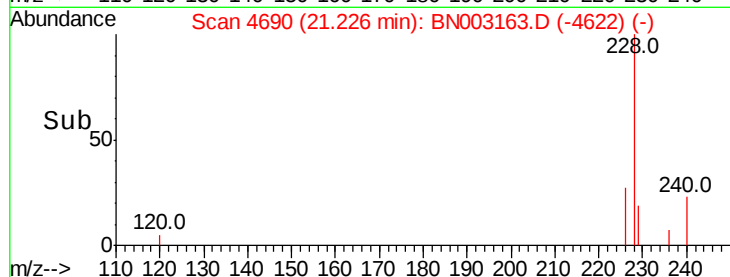
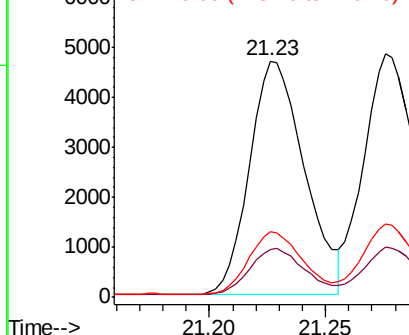
228 100

229 20.5 16.2 24.2

226 27.6 22.3 33.5



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: 0.447 ng/ul

RT: 21.28 min Scan# 4707

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

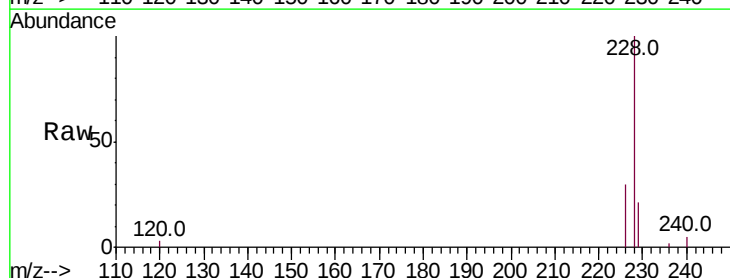
Tgt Ion:228 Resp: 8069

Ion Ratio Lower Upper

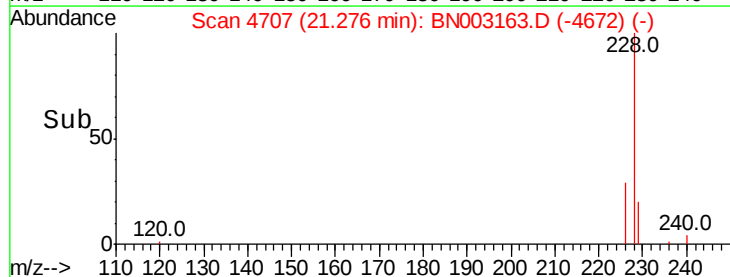
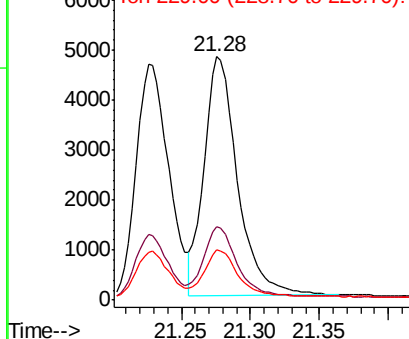
228 100

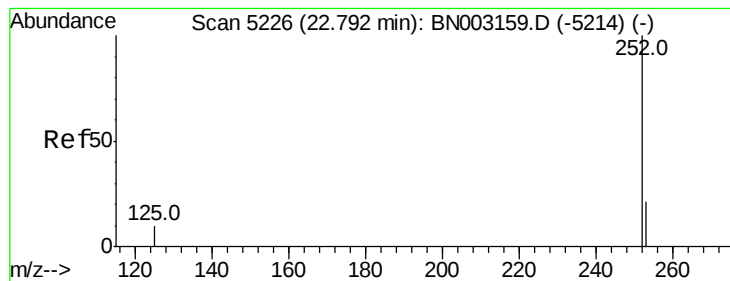
226 30.1 24.2 36.4

229 20.6 16.7 25.1



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: 0.417 ng/ul

RT: 22.80 min Scan# 5228

Delta R.T. 0.01 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

Instrument :

BNA_N

ClientSampleId :

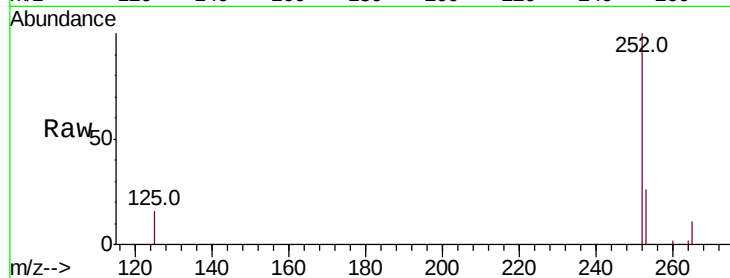
Tot Ion:252 Resp: 6938

Ion Ratio Lower Upper

252 100

253 25.8 0.0 53.2

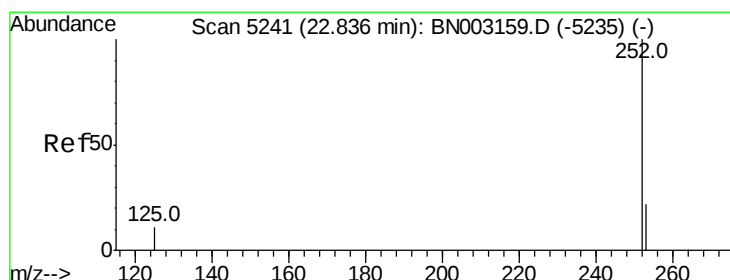
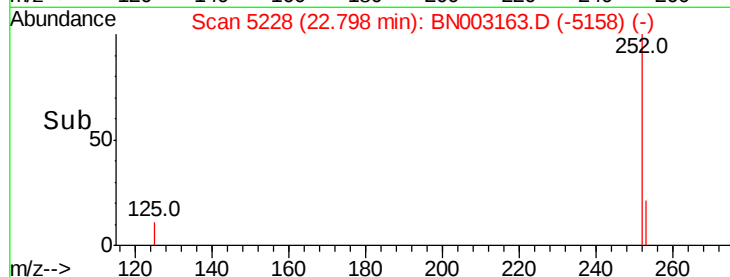
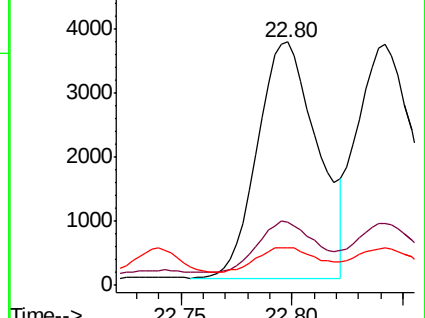
125 15.6 0.0 34.2



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: 0.417 ng/ul

RT: 22.84 min Scan# 5243

Delta R.T. 0.01 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

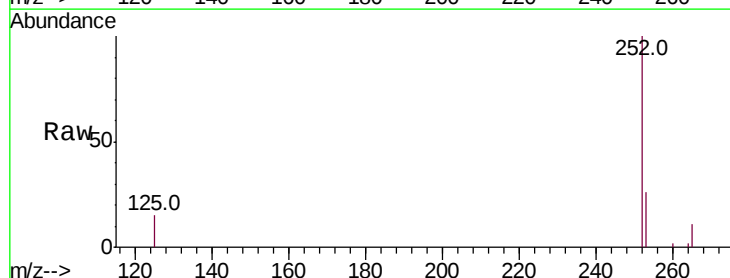
Tgt Ion:252 Resp: 7186

Ion Ratio Lower Upper

252 100

253 25.6 21.3 31.9

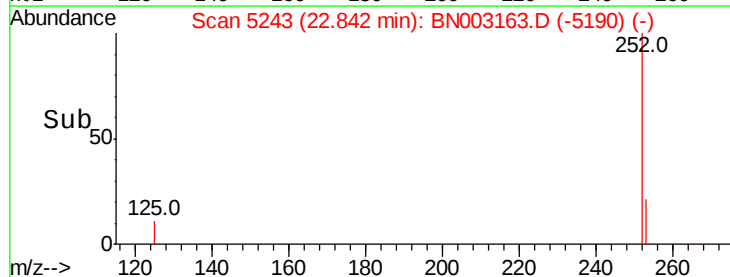
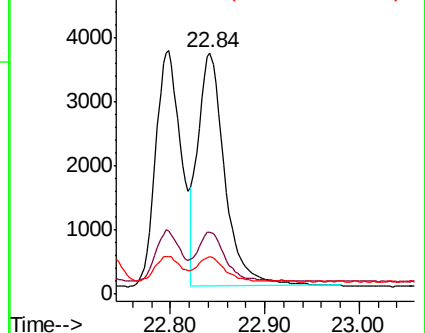
125 15.5 14.1 21.1

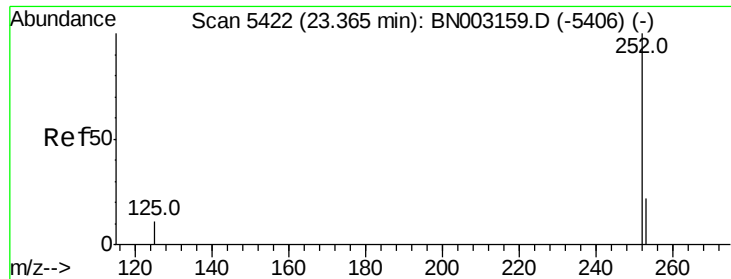


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.441 ng/ul

RT: 23.37 min Scan# 5423

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

Instrument :

BNA_N

ClientSampleId :

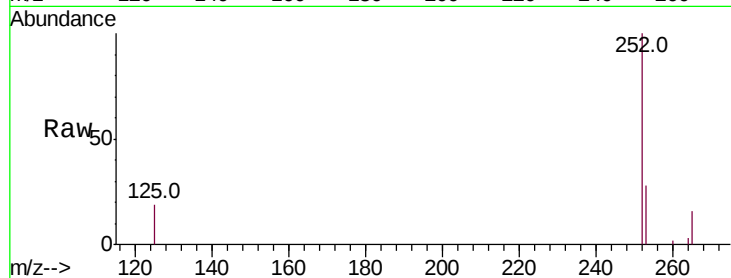
Tot Ion:252 Resp: 6578

Ion Ratio Lower Upper

252 100

253 27.5 23.1 34.7

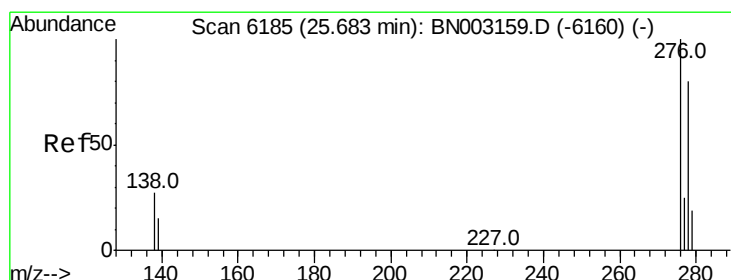
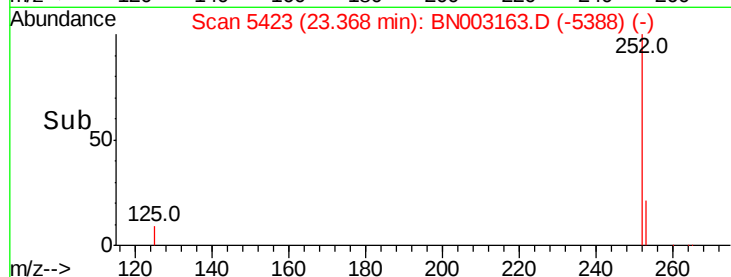
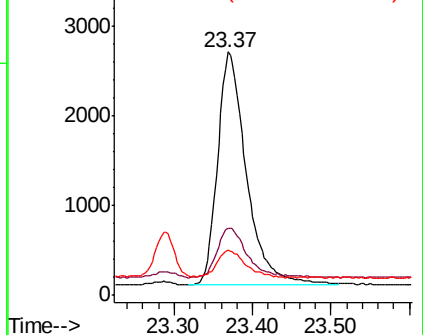
125 18.7 16.9 25.3



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: 0.444 ng/ul

RT: 25.69 min Scan# 6187

Delta R.T. 0.01 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

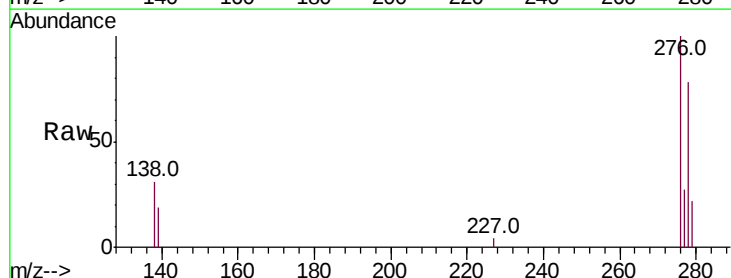
Tgt Ion:276 Resp: 7612

Ion Ratio Lower Upper

276 100

138 27.2 21.5 32.3

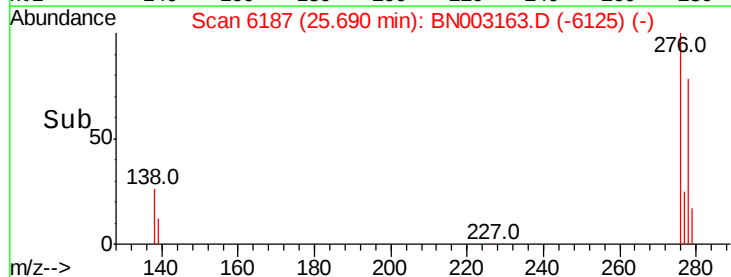
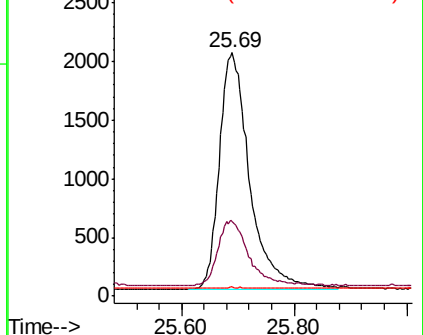
227 0.1 0.3 0.5#

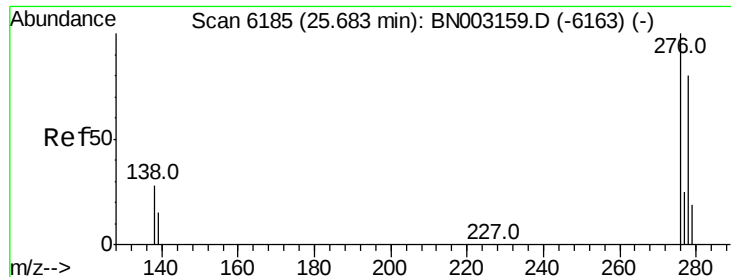


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.447 ng/ul

RT: 25.68 min Scan# 6185

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

Instrument :

BNA_N

ClientSampleId :

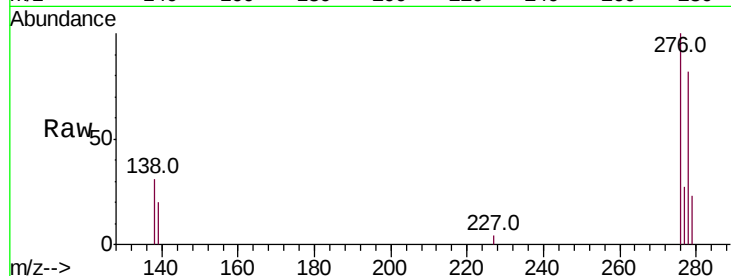
Tot Ion:278 Resp: 6130

Ion Ratio Lower Upper

278 100

139 24.5 20.2 30.4

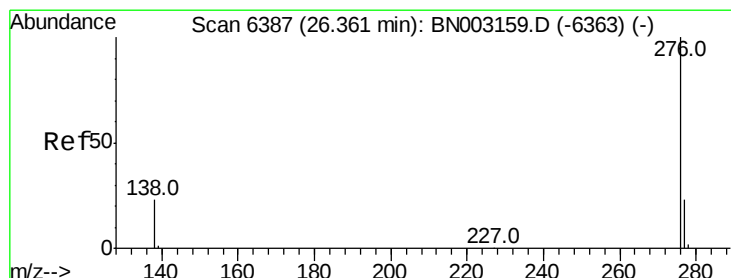
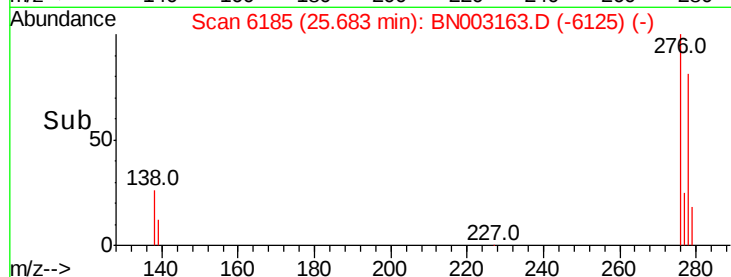
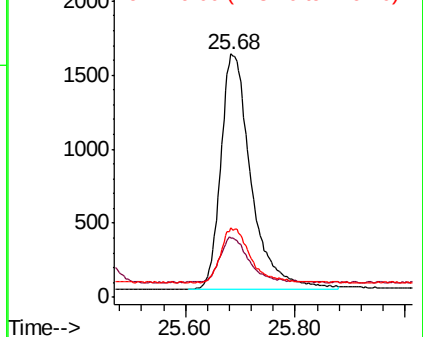
279 28.4 23.8 35.8



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: 0.444 ng/ul

RT: 26.36 min Scan# 6388

Delta R.T. 0.00 min

Lab File: BN003163.D

Acq: 13 Oct 2018 05:28

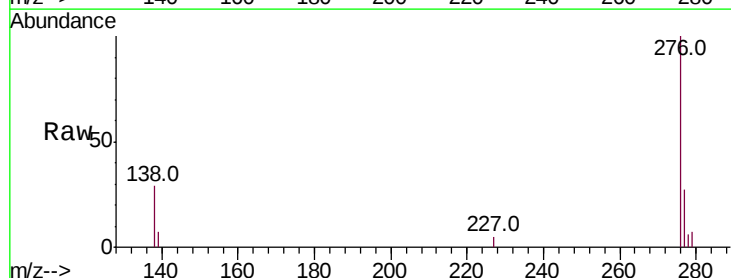
Tgt Ion:276 Resp: 6420

Ion Ratio Lower Upper

276 100

138 29.3 23.0 34.4

277 26.6 22.0 33.0



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

