

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100118\
 Data File : BN002887.D
 Acq On : 01 Oct 2018 19:43
 Operator : MJ/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 02 02:29:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 02 02:29:03 2018
 Response via : Initial Calibration

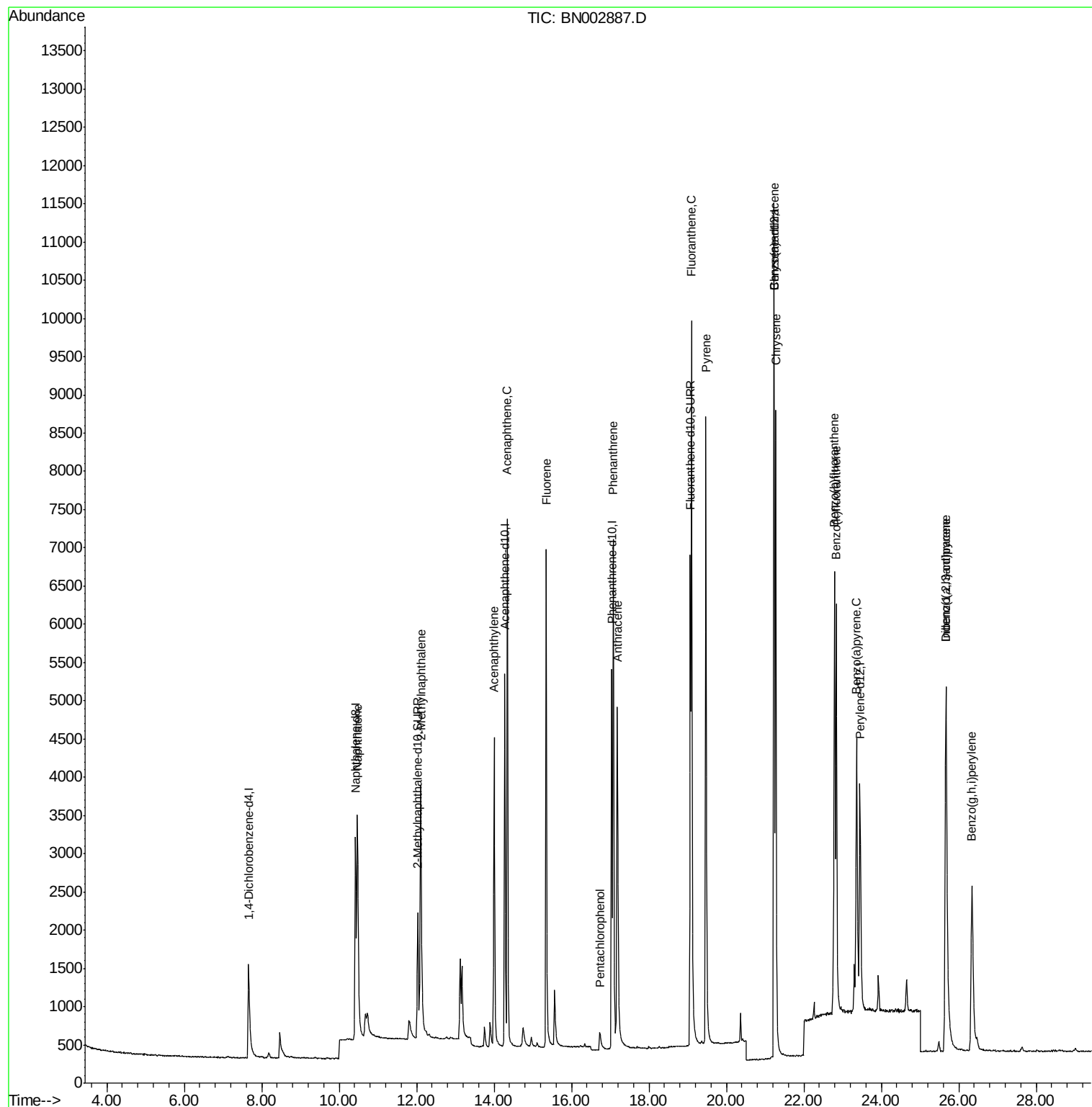
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1162	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	5278	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	3034	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	6985	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	6333	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4948	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3493	0.46	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	8656	0.48	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	5803	0.437	ng/ul#	96
5) 2-Methylnaphthalene	12.11	142	4042	0.470	ng/ul	99
7) Acenaphthylene	14.00	152	5769	0.450	ng/ul	97
8) Acenaphthene	14.34	153	4679	0.448	ng/ul	97
9) Fluorene	15.34	166	5227	0.468	ng/ul	94
11) Pentachlorophenol	16.73	266	407	0.517	ng/ul	97
12) Phenanthrene	17.08	178	8528	0.442	ng/ul#	89
13) Anthracene	17.18	178	7660	0.457	ng/ul#	93
15) Fluoranthene	19.10	202	9978	0.480	ng/ul	96
17) Pyrene	19.47	202	10079	0.488	ng/ul	97
18) Benzo(a)anthracene	21.22	228	8378	0.479	ng/ul#	85
19) Chrysene	21.27	228	9288	0.455	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	7811	0.478	ng/ul	89
22) Benzo(k)fluoranthene	22.83	252	8362	0.486	ng/ul#	91
23) Benzo(a)pyrene	23.36	252	7050	0.450	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.67	276	6985	0.370	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.67	278	5553	0.367	ng/ul	95
26) Benzo(g,h,i)perylene	26.34	276	5922	0.363	ng/ul	99

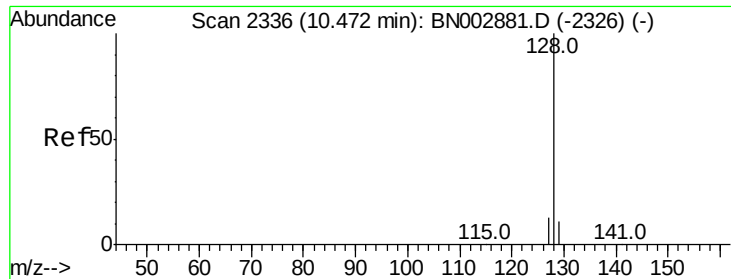
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.437 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

Instrument :

BNA_N

ClientSampleId :

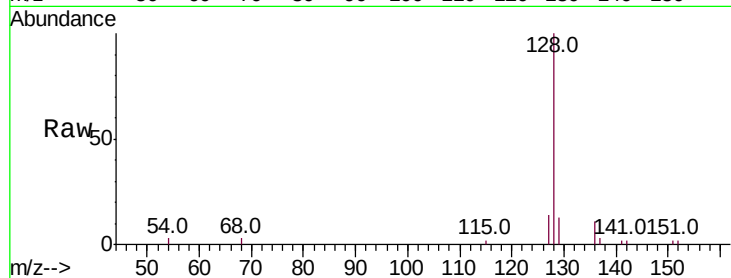
Tot Ion:128 Resp: 5803

Ion Ratio Lower Upper

128 100

129 12.6 8.0 12.0#

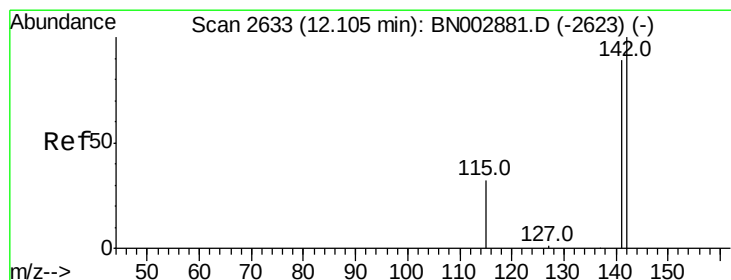
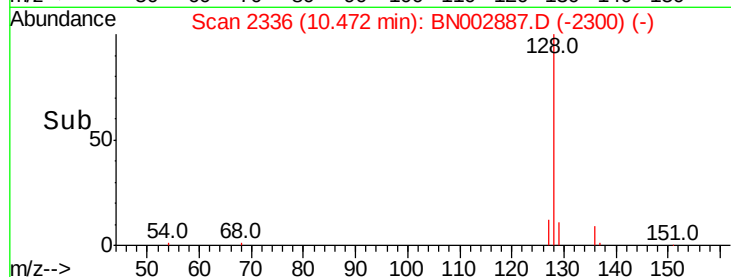
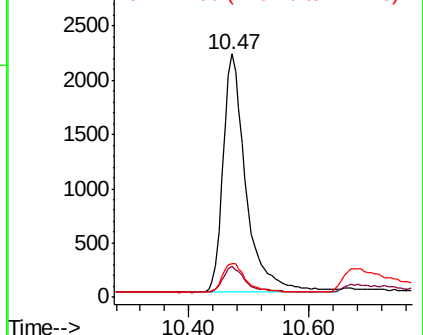
127 13.9 12.0 18.0



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: 0.470 ng/ul

RT: 12.11 min Scan# 2633

Delta R.T. 0.00 min

Lab File: BN002887.D

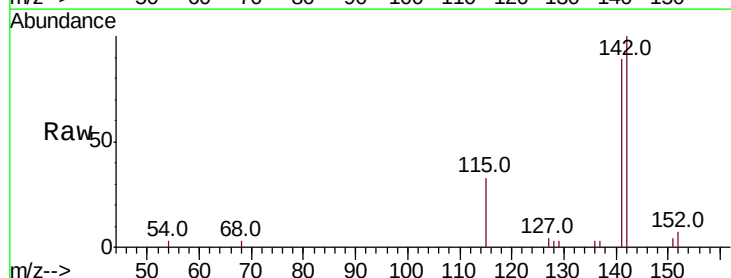
Acq: 01 Oct 2018 19:43

Tgt Ion:142 Resp: 4042

Ion Ratio Lower Upper

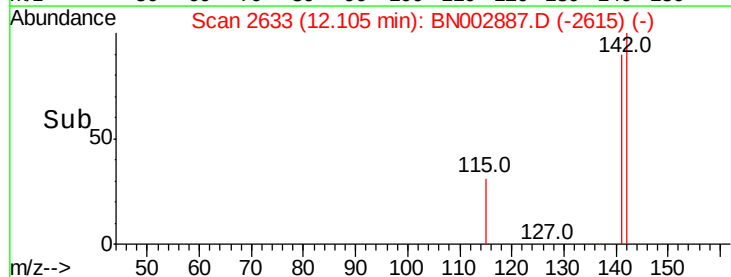
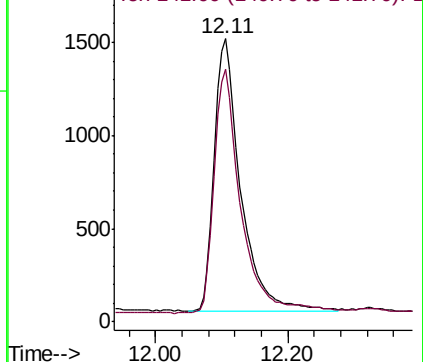
142 100

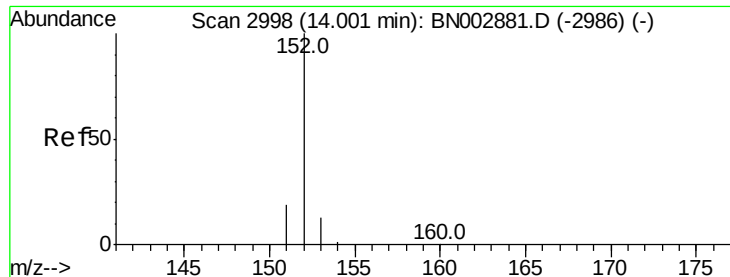
141 91.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.450 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

Instrument :

BNA_N

ClientSampleId :

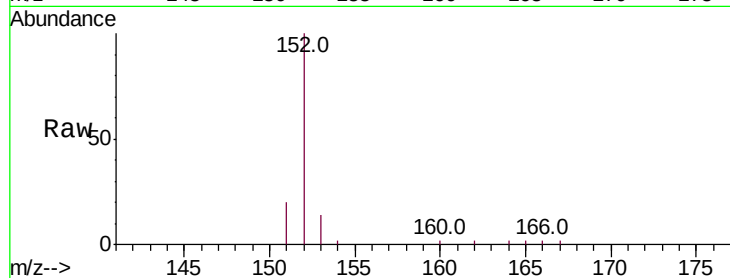
Tot Ion:152 Resp: 5769

Ion Ratio Lower Upper

152 100

151 20.4 17.1 25.7

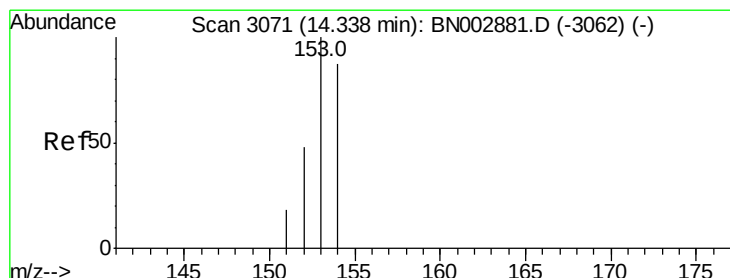
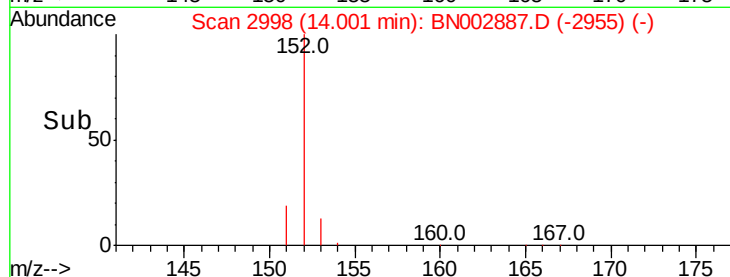
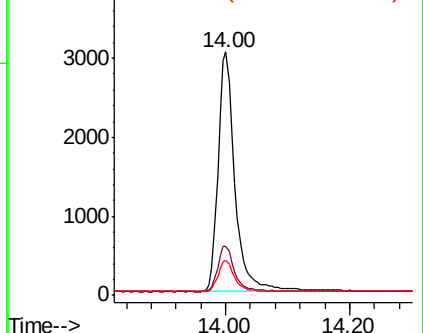
153 14.2 12.8 19.2



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: 0.448 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

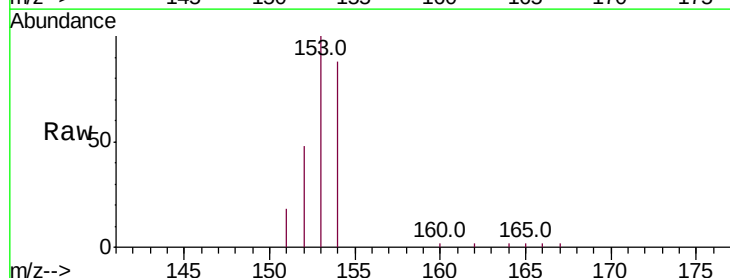
Tgt Ion:153 Resp: 4679

Ion Ratio Lower Upper

153 100

152 47.8 36.0 54.0

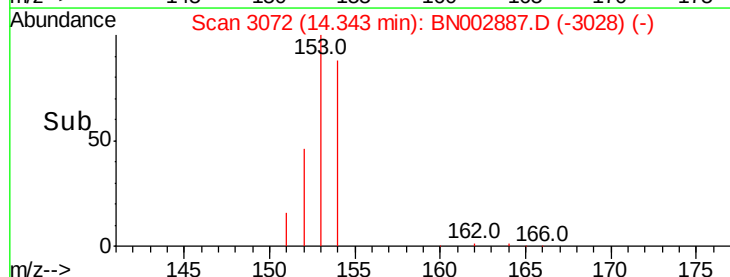
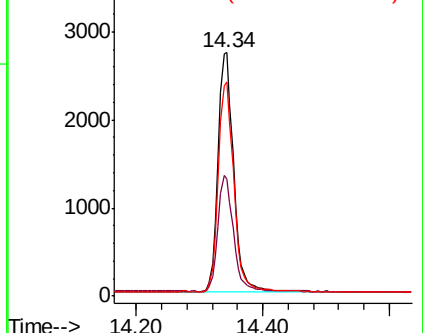
154 88.1 72.0 108.0

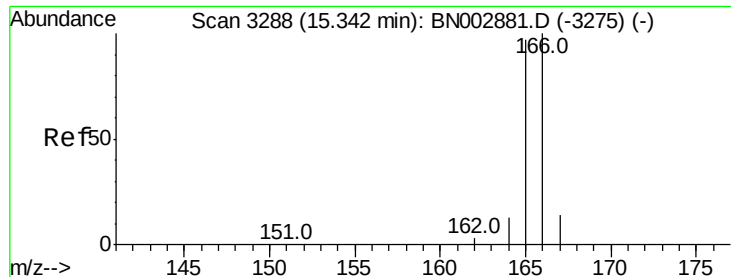


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.468 ng/ul

RT: 15.34 min Scan# 3288

Delta R.T. 0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

Instrument :

BNA_N

ClientSampleId :

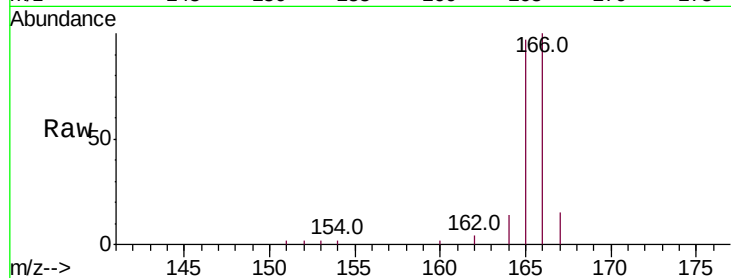
Tot Ion:166 Resp: 5227

Ion Ratio Lower Upper

166 100

165 97.4 73.4 110.2

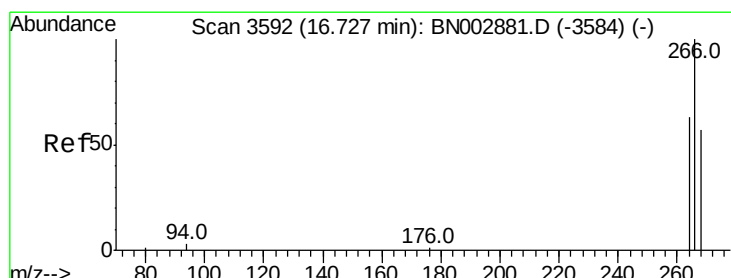
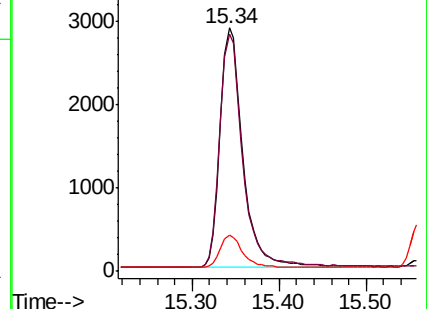
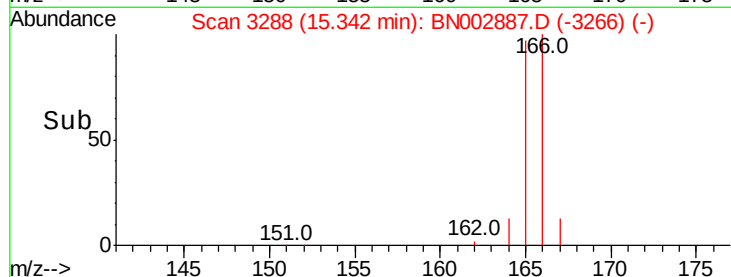
167 14.7 14.6 22.0



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: 0.517 ng/ul

RT: 16.73 min Scan# 3592

Delta R.T. 0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

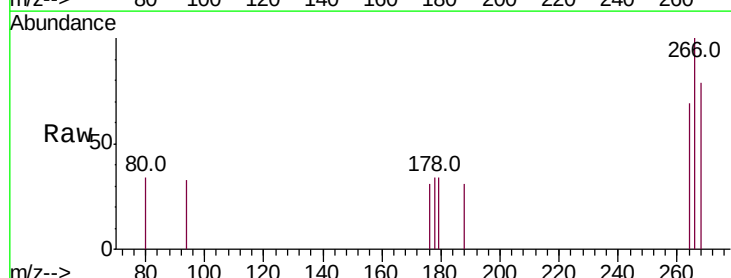
Tgt Ion:266 Resp: 407

Ion Ratio Lower Upper

266 100

264 58.5 47.9 71.9

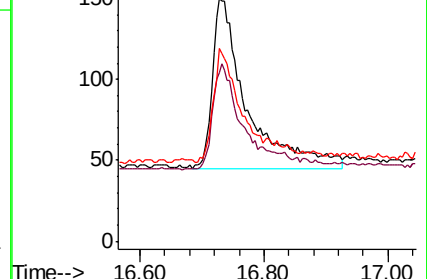
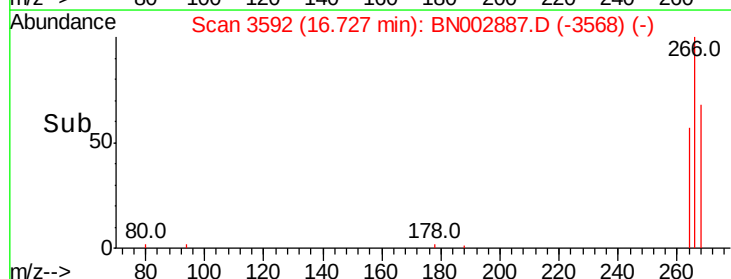
268 59.0 49.8 74.8

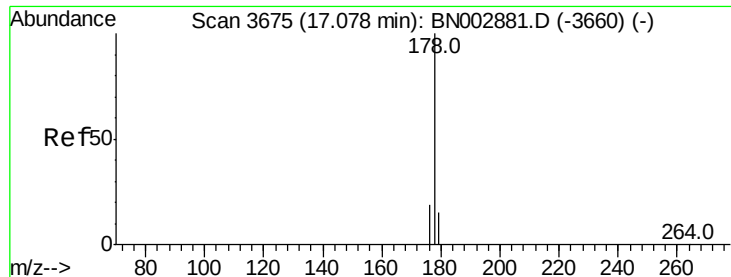


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.442 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

Instrument :

BNA_N

ClientSampleId :

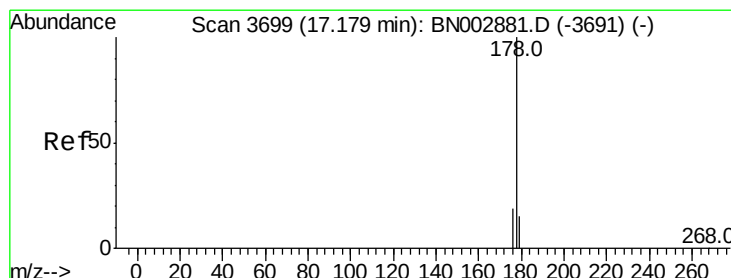
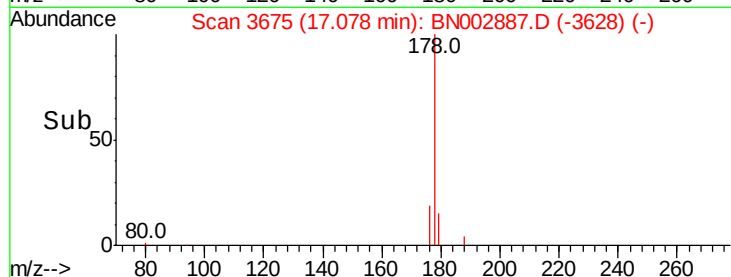
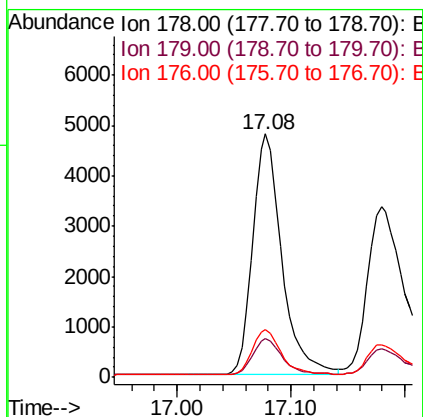
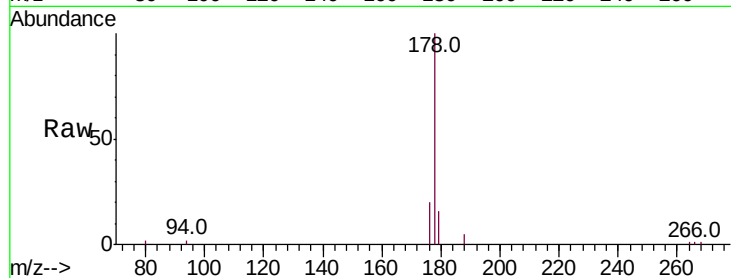
Tot Ion:178 Resp: 8528

Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 19.7 13.6 20.4



#13

Anthracene

Concen: 0.457 ng/ul

RT: 17.18 min Scan# 3699

Delta R.T. 0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

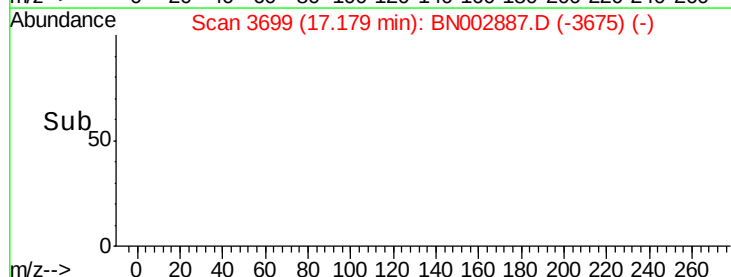
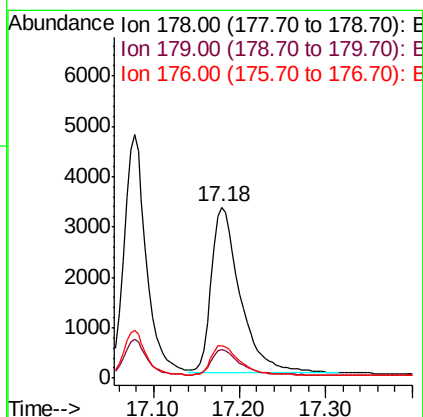
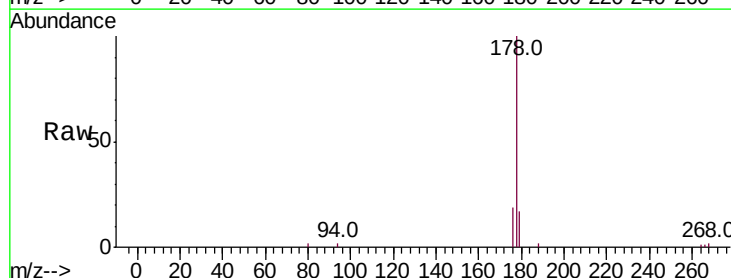
Tgt Ion:178 Resp: 7660

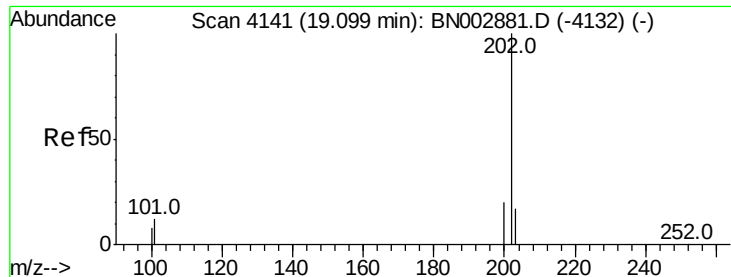
Ion Ratio Lower Upper

178 100

179 16.6 18.1 27.1#

176 19.0 14.7 22.1





#15

Fluoranthene

Concen: 0.480 ng/ul

RT: 19.10 min Scan# 4141

Delta R.T. 0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

Instrument :

BNA_N

ClientSampleId :

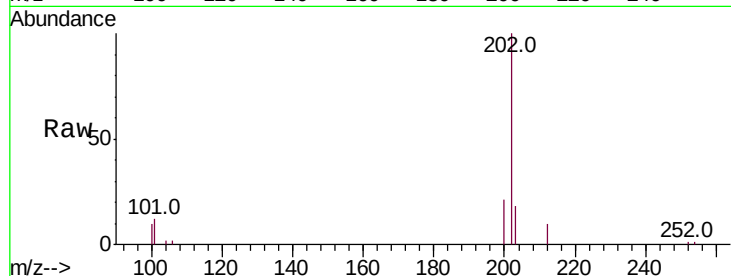
Tot Ion:202 Resp: 9978

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.0

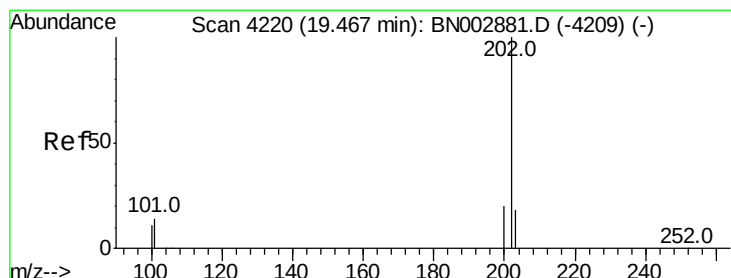
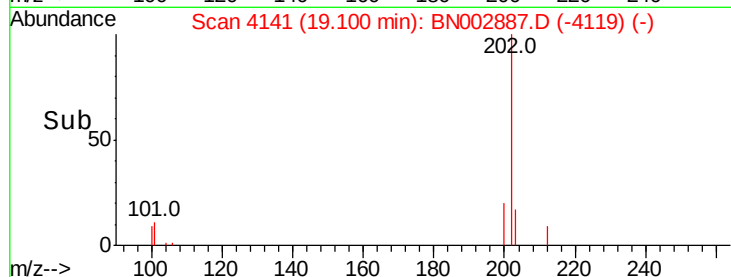
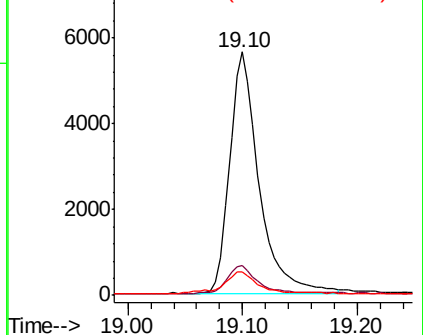
100 9.5 0.0 30.0



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: 0.488 ng/ul

RT: 19.47 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

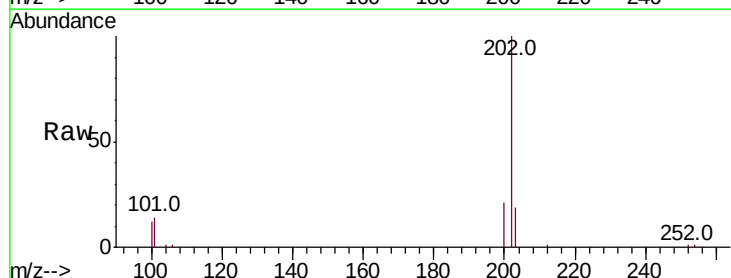
Tgt Ion:202 Resp: 10079

Ion Ratio Lower Upper

202 100

101 14.2 12.0 18.0

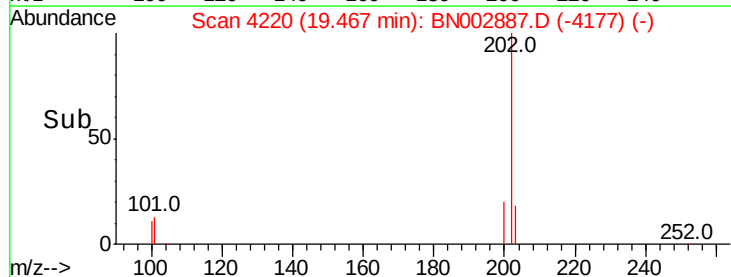
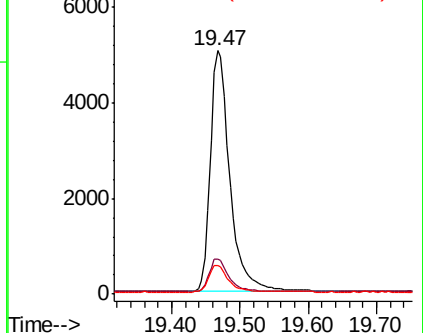
100 12.0 8.0 12.0

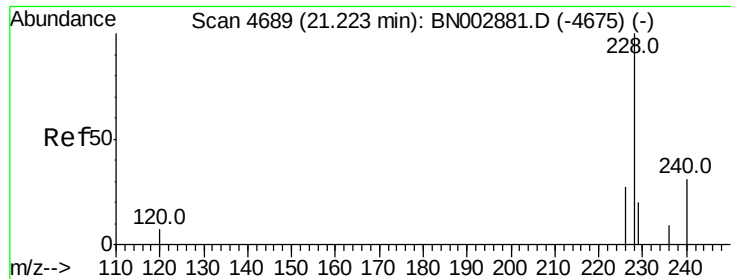


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.479 ng/ul

RT: 21.22 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

Instrument :

BNA_N

ClientSampleId :

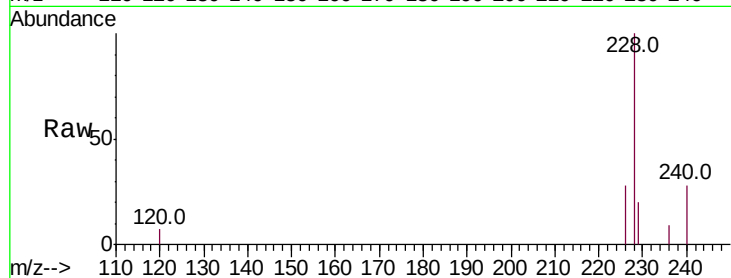
Tot Ion:228 Resp: 8378

Ion Ratio Lower Upper

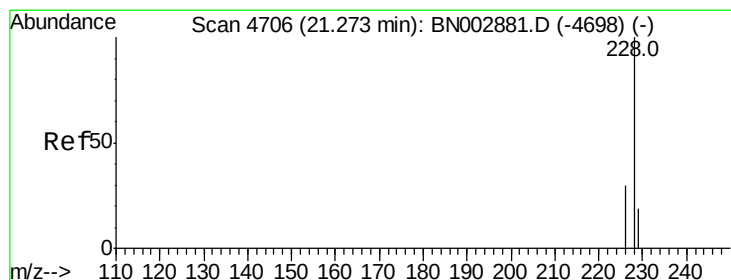
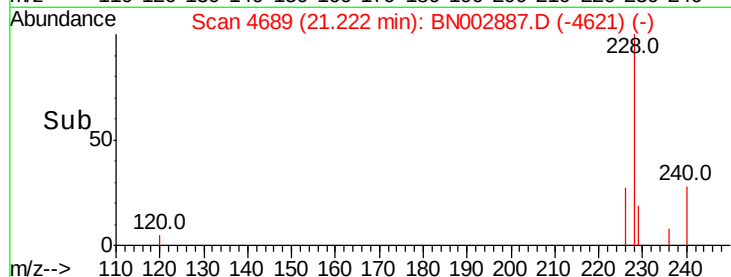
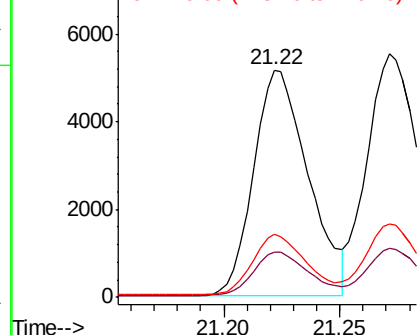
228 100

229 19.7 22.8 34.2#

226 27.8 17.0 25.6#



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: 0.455 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

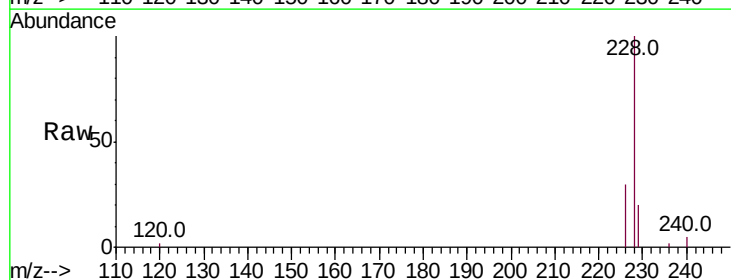
Tgt Ion:228 Resp: 9288

Ion Ratio Lower Upper

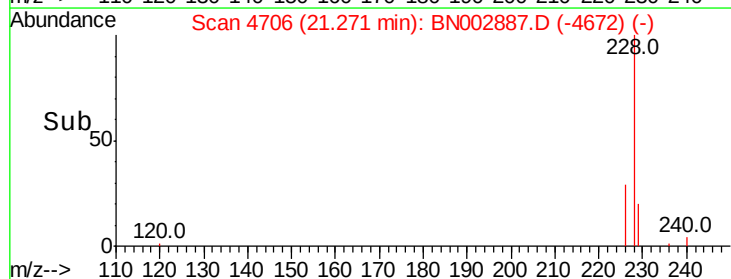
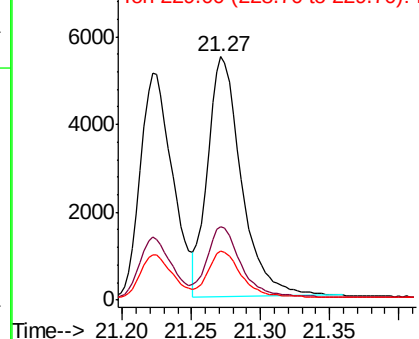
228 100

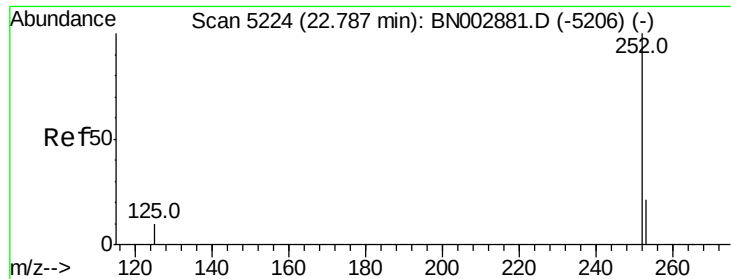
226 29.9 23.4 35.0

229 20.2 17.7 26.5



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: 0.478 ng/ul

RT: 22.79 min Scan# 5225

Delta R.T. 0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

Instrument :

BNA_N

ClientSampleId :

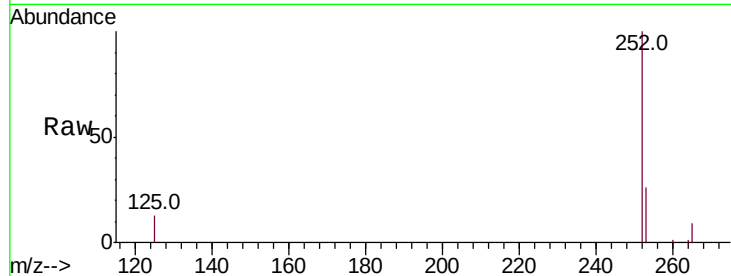
Tot Ion:252 Resp: 7811

Ion Ratio Lower Upper

252 100

253 25.6 0.0 64.2

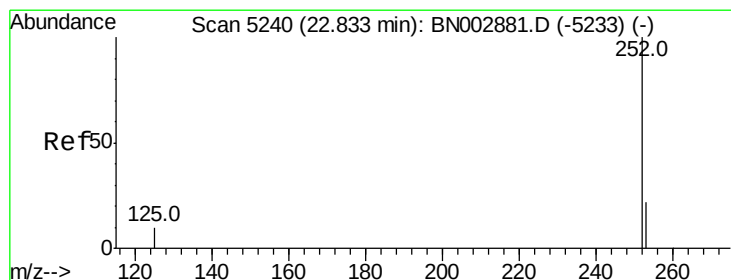
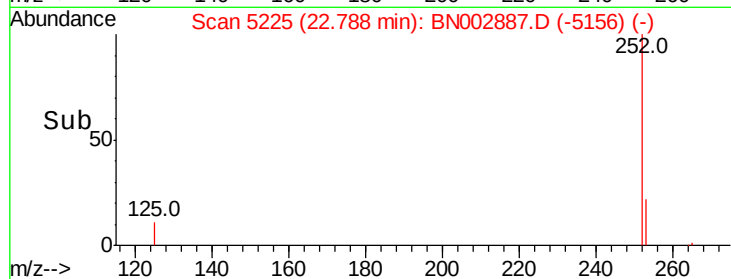
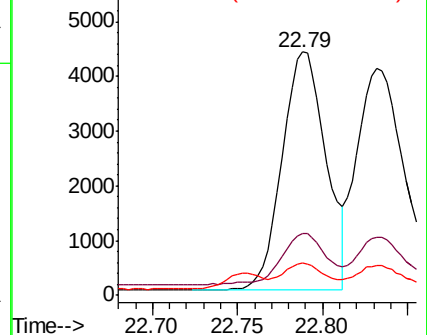
125 13.3 0.0 35.0



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: 0.486 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. -0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

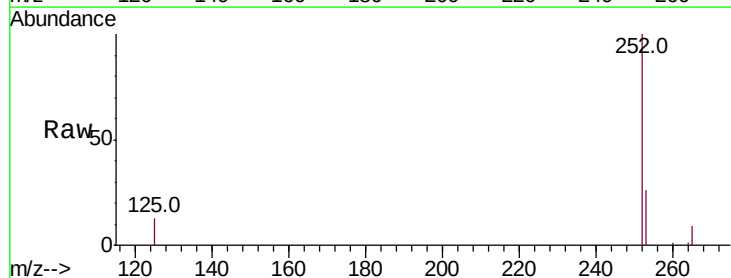
Tgt Ion:252 Resp: 8362

Ion Ratio Lower Upper

252 100

253 25.7 24.5 36.7

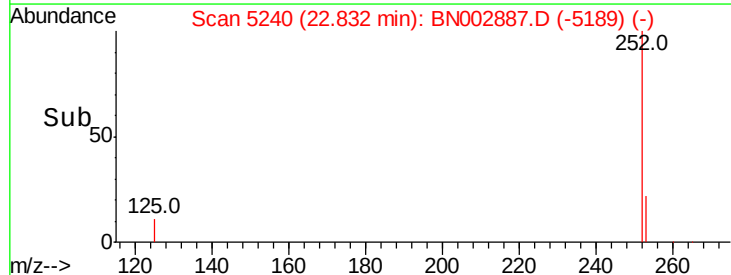
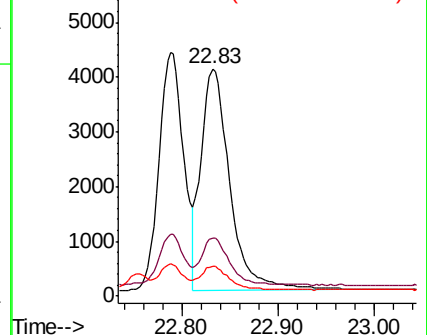
125 13.4 13.7 20.5#

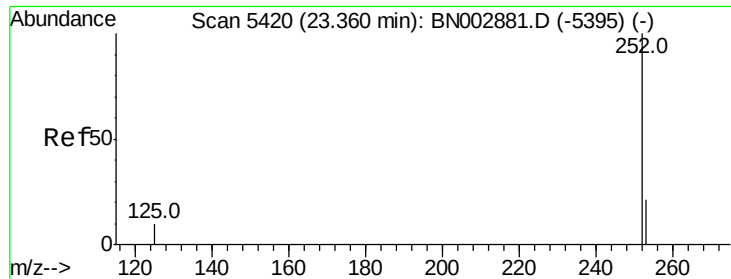


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.450 ng/ul

RT: 23.36 min Scan# 5420

Delta R.T. -0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

Instrument :

BNA_N

ClientSampleId :

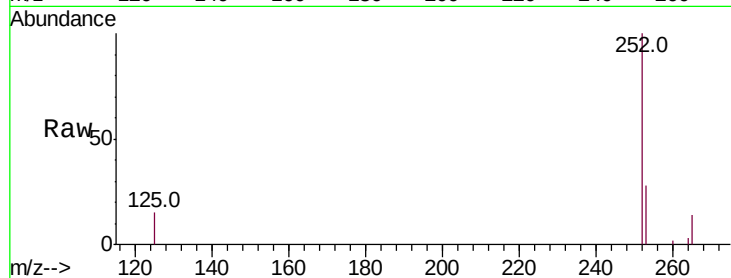
Tot Ion:252 Resp: 7050

Ion Ratio Lower Upper

252 100

253 28.0 16.0 24.0#

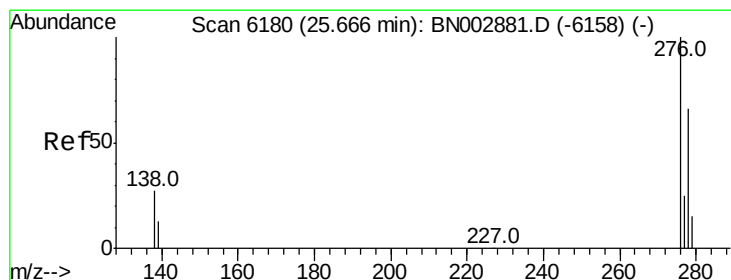
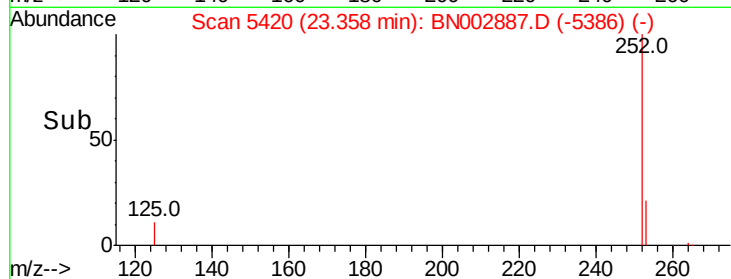
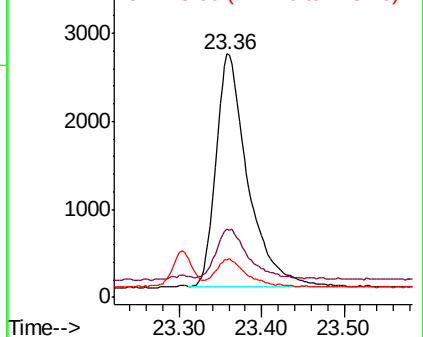
125 15.5 12.0 18.0



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: 0.370 ng/ul

RT: 25.67 min Scan# 6181

Delta R.T. 0.00 min

Lab File: BN002887.D

Acq: 01 Oct 2018 19:43

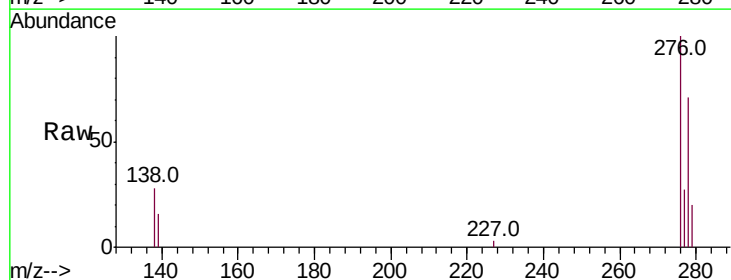
Tgt Ion:276 Resp: 6985

Ion Ratio Lower Upper

276 100

138 27.7 28.0 42.0#

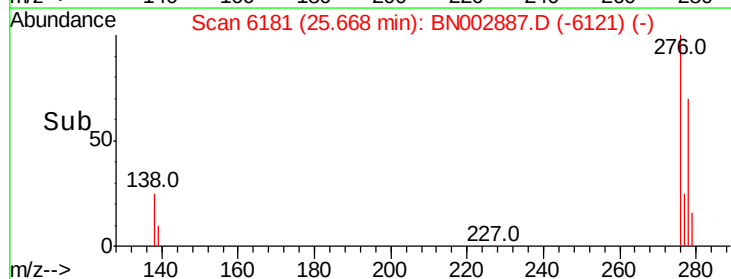
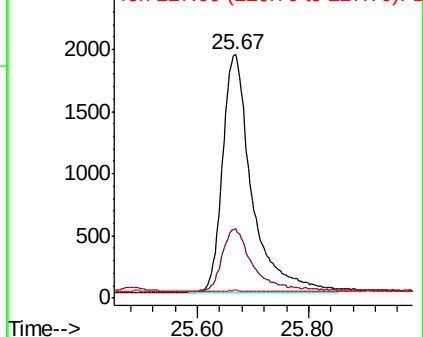
227 0.1 0.8 1.2#

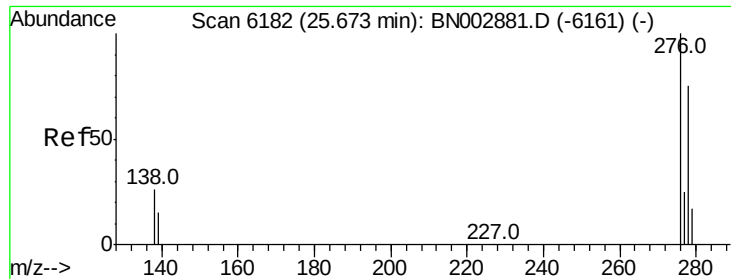


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

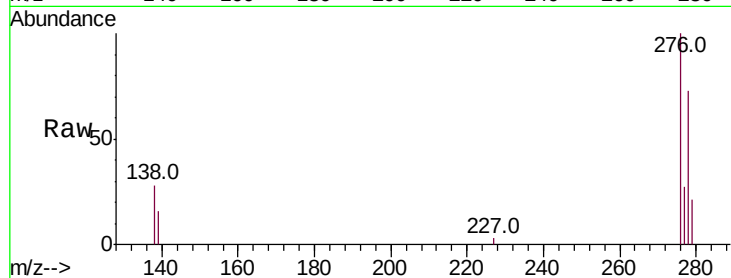




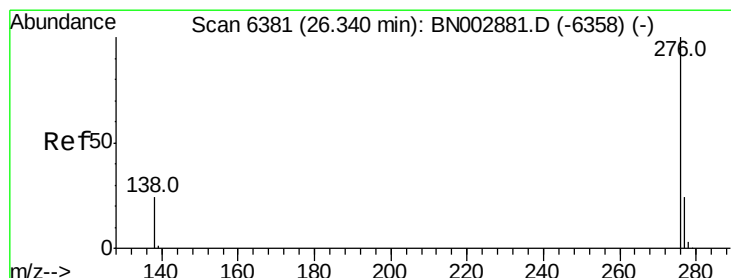
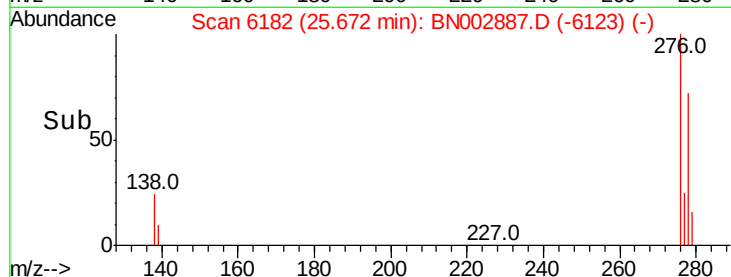
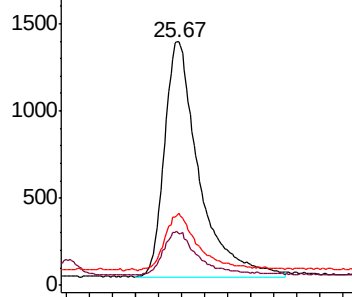
#25
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 25.67 min Scan# 6182
Delta R.T. -0.00 min
Lab File: BN002887.D
Acq: 01 Oct 2018 19:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 5553
Ion Ratio Lower Upper
278 100
139 22.1 17.4 26.0
279 28.4 25.9 38.9

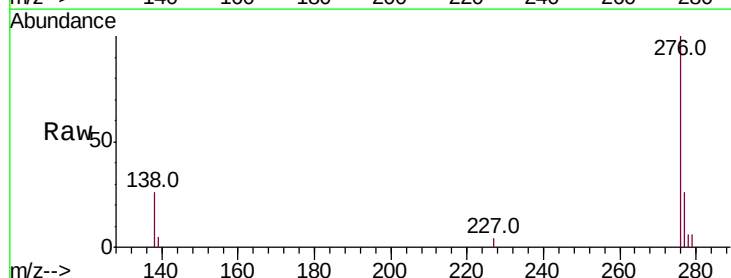


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 26.34 min Scan# 6381
Delta R.T. -0.00 min
Lab File: BN002887.D
Acq: 01 Oct 2018 19:43

Tgt Ion:276 Resp: 5922
Ion Ratio Lower Upper
276 100
138 26.0 21.8 32.8
277 25.7 20.5 30.7



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

