

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101618\
 Data File : BN003171.D
 Acq On : 16 Oct 2018 16:51
 Operator : MJ/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.413

Quant Time: Oct 17 01:28:54 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 17 01:25:59 2018
 Response via : Initial Calibration

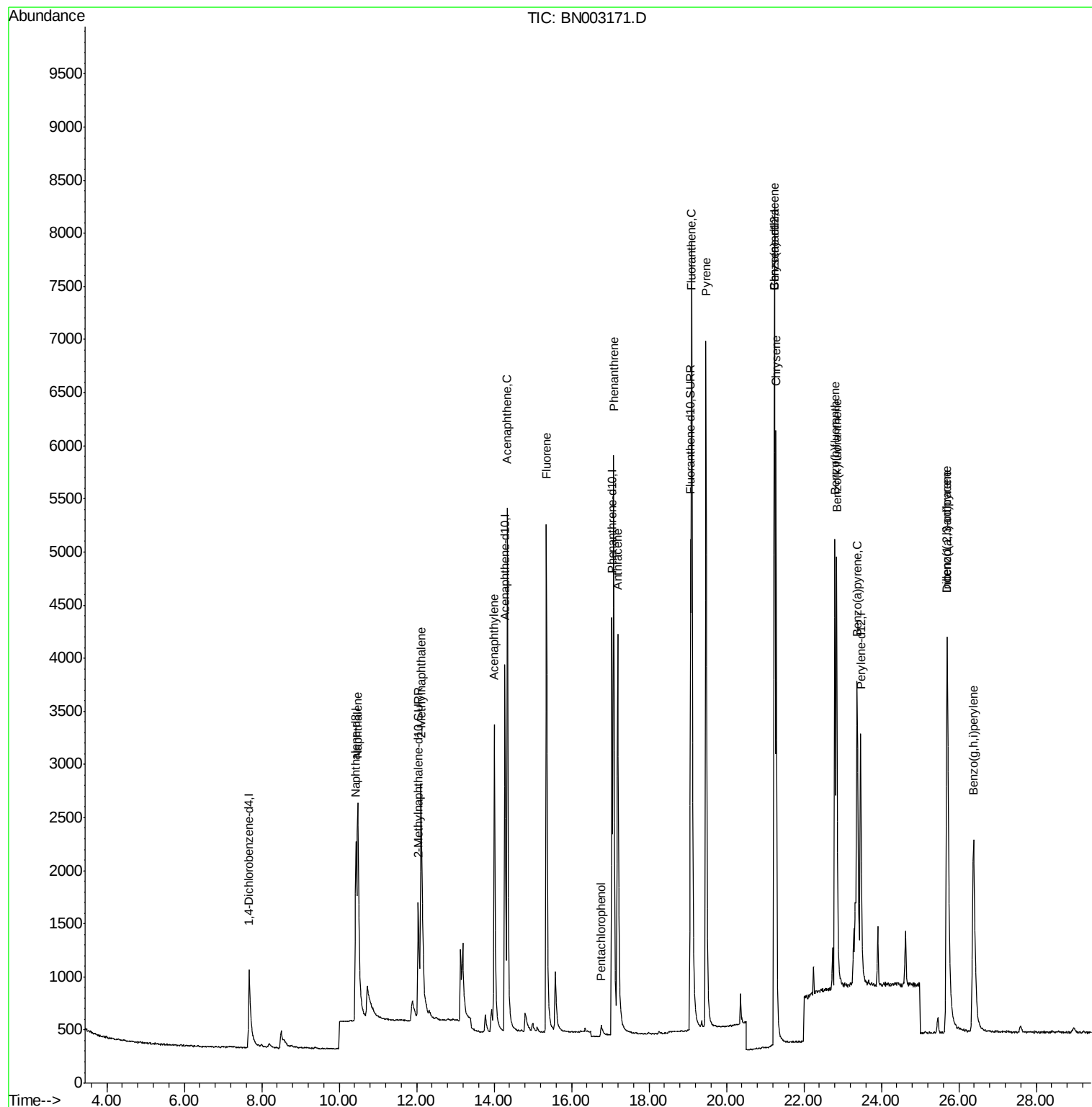
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	814	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	4340	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.28	164	2705	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	6308	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	4597	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	4045	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	2980	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	7458	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	4808	0.432	ng/ul	98
5) 2-Methylnaphthalene	12.12	142	3340	0.436	ng/ul	97
7) Acenaphthylene	14.01	152	5193	0.420	ng/ul	99
8) Acenaphthene	14.34	153	4121	0.439	ng/ul	100
9) Fluorene	15.36	166	4777	0.444	ng/ul	97
11) Pentachlorophenol	16.77	266	229	0.374	ng/ul	97
12) Phenanthrene	17.09	178	7727	0.439	ng/ul	99
13) Anthracene	17.19	178	6877	0.414	ng/ul	99
15) Fluoranthene	19.10	202	8592	0.416	ng/ul	97
17) Pyrene	19.47	202	8786	0.492	ng/ul	99
18) Benzo(a)anthracene	21.23	228	6159	0.416	ng/ul	99
19) Chrysene	21.28	228	6798	0.453	ng/ul	99
21) Benzo(b)fluoranthene	22.80	252	5780	0.397	ng/ul	97
22) Benzo(k)fluoranthene	22.84	252	6513	0.431	ng/ul	97
23) Benzo(a)pyrene	23.38	252	5764	0.441	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.70	276	6196	0.413	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.70	278	4828	0.402	ng/ul	98
26) Benzo(g,h,i)perylene	26.38	276	5498	0.435	ng/ul	98

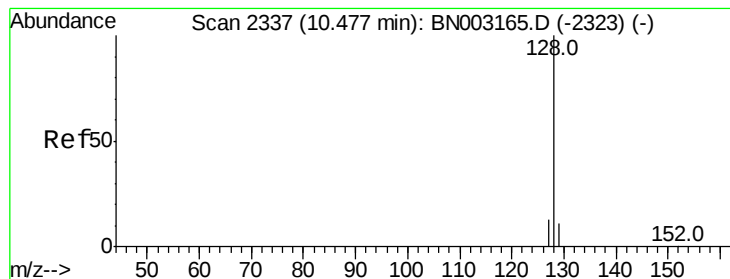
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN003171.D
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#3

Naphthalene

Concen: 0.432 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.413

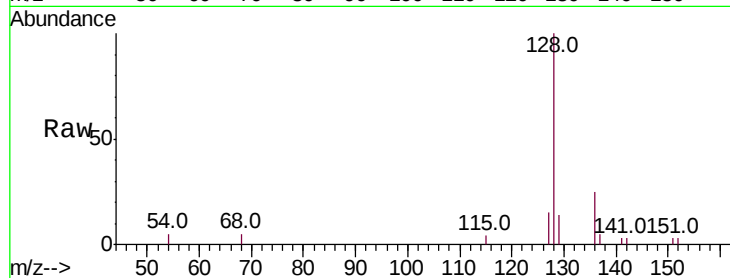
Tot Ion:128 Resp: 4808

Ion Ratio Lower Upper

128 100

129 14.1 10.4 15.6

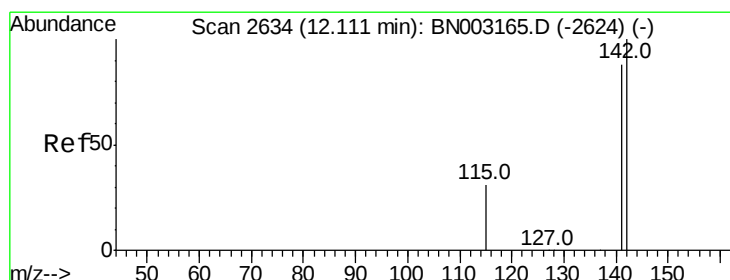
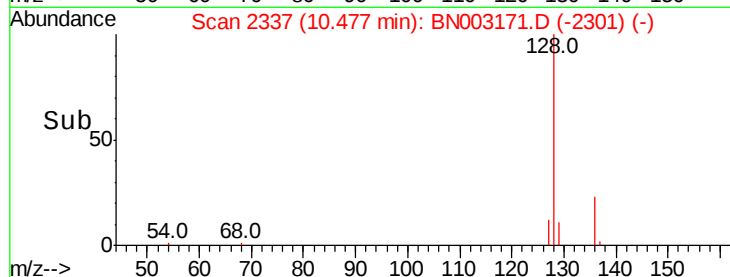
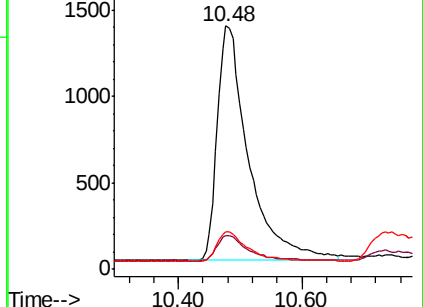
127 15.3 11.7 17.5



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: 0.436 ng/ul

RT: 12.12 min Scan# 2635

Delta R.T. 0.01 min

Lab File: BN003171.D

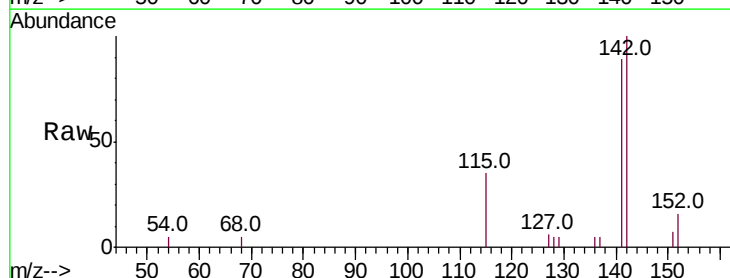
Acq: 16 Oct 2018 16:51

Tgt Ion:142 Resp: 3340

Ion Ratio Lower Upper

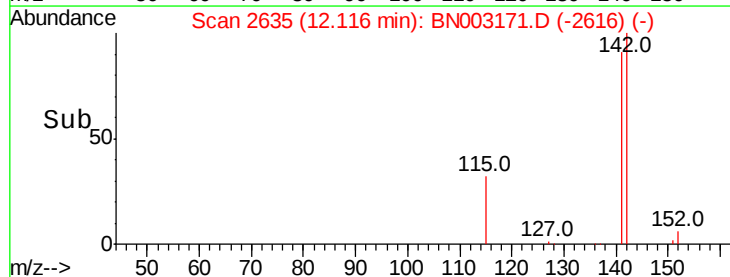
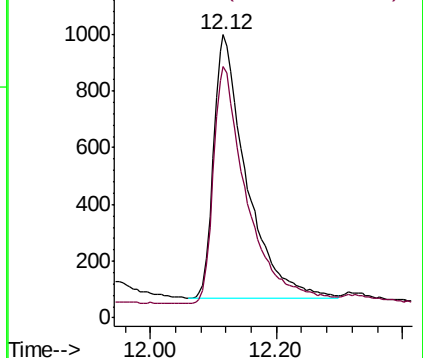
142 100

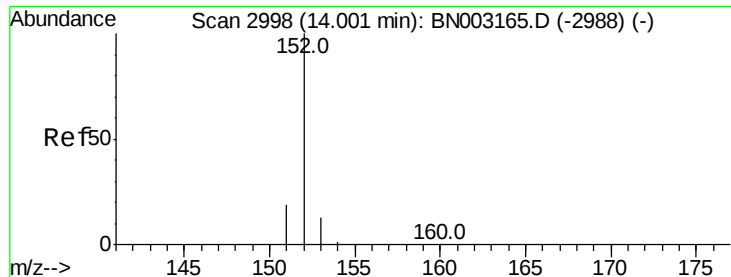
141 94.3 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.420 ng/ul

RT: 14.01 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.413

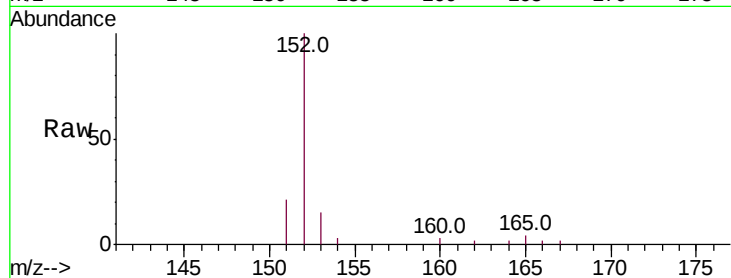
Tot Ion:152 Resp: 5193

Ion Ratio Lower Upper

152 100

151 21.2 16.5 24.7

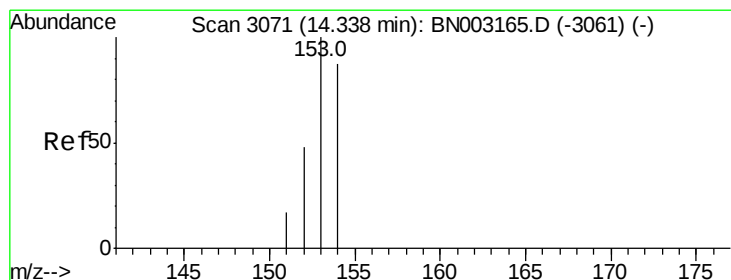
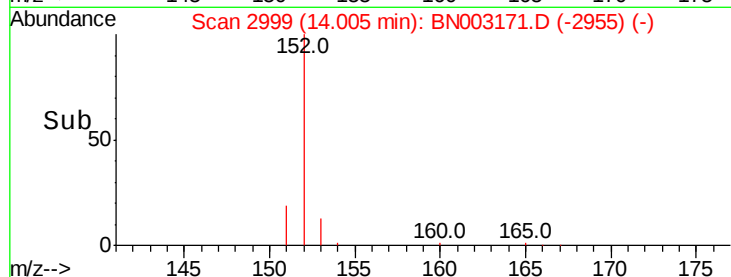
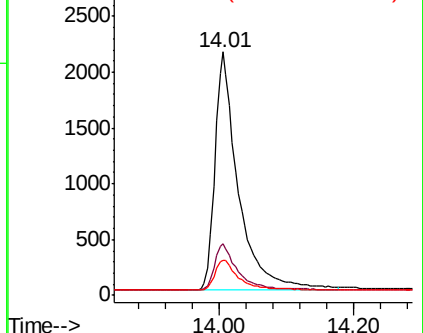
153 14.6 11.4 17.2



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: 0.439 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

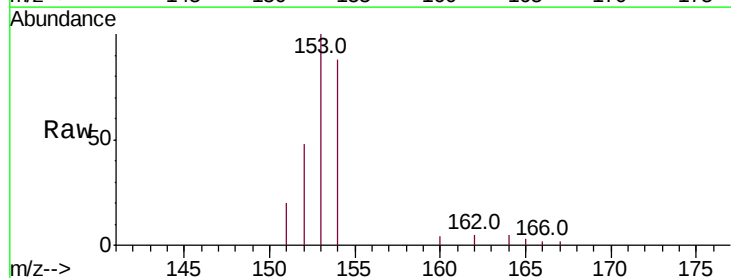
Tgt Ion:153 Resp: 4121

Ion Ratio Lower Upper

153 100

152 48.3 38.2 57.4

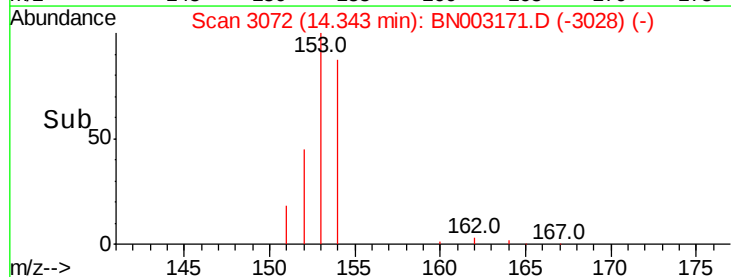
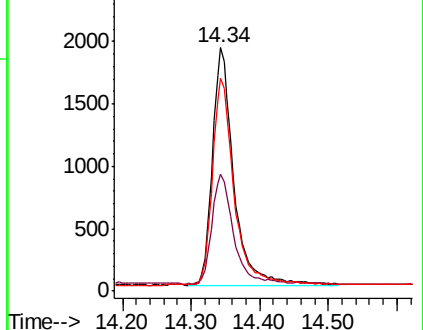
154 87.6 70.2 105.2

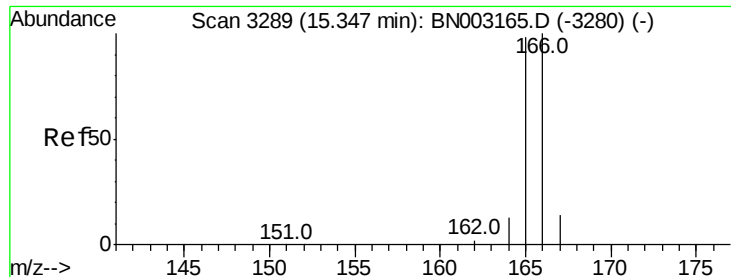


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.444 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. 0.01 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.413

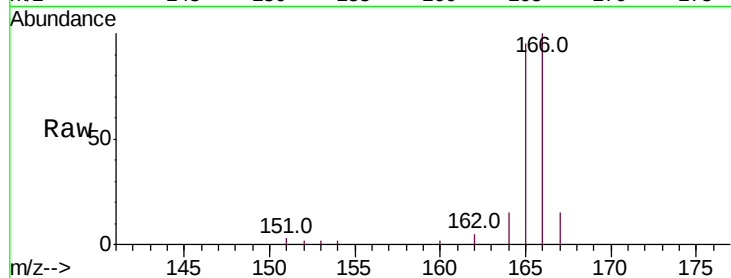
Tot Ion:166 Resp: 4777

Ion Ratio Lower Upper

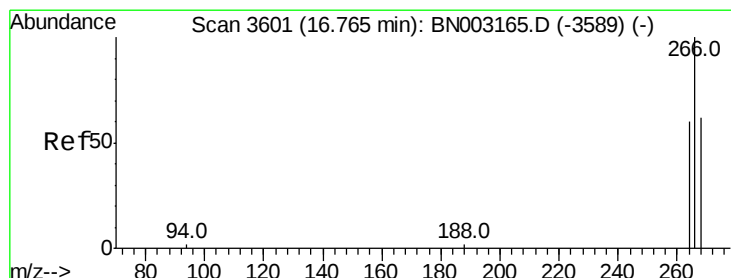
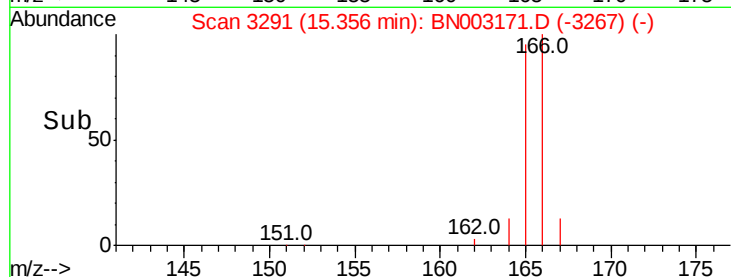
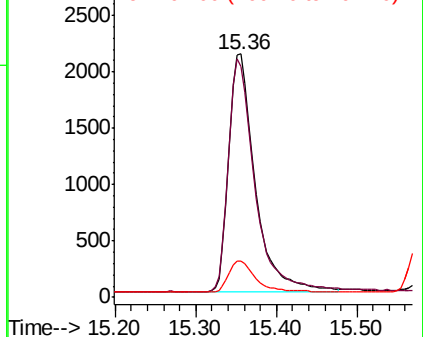
166 100

165 95.0 78.5 117.7

167 15.0 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: 0.374 ng/ul

RT: 16.77 min Scan# 3602

Delta R.T. 0.00 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

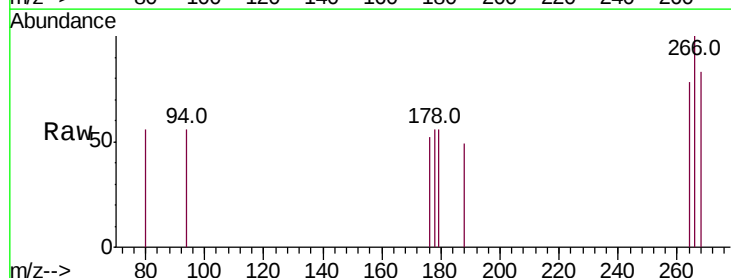
Tgt Ion:266 Resp: 229

Ion Ratio Lower Upper

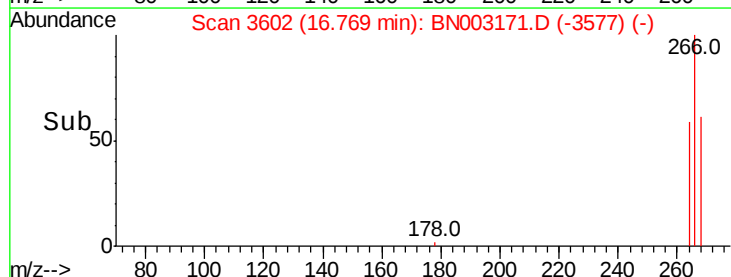
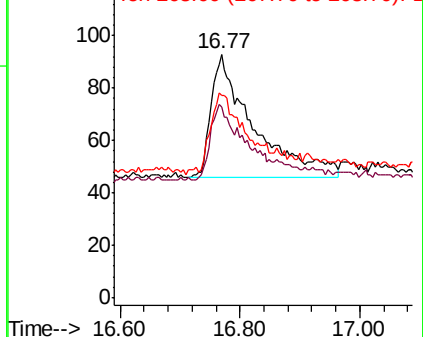
266 100

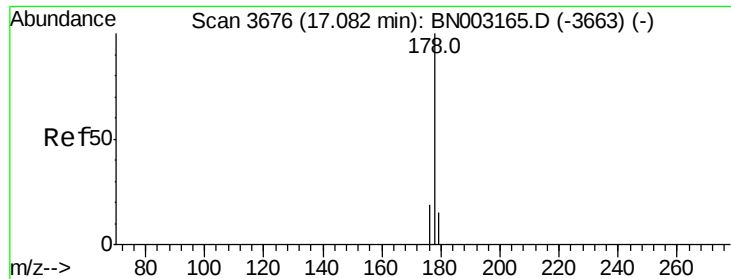
264 61.1 52.5 78.7

268 59.8 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: 0.439 ng/ul

RT: 17.09 min Scan# 3677

Delta R.T. 0.00 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.413

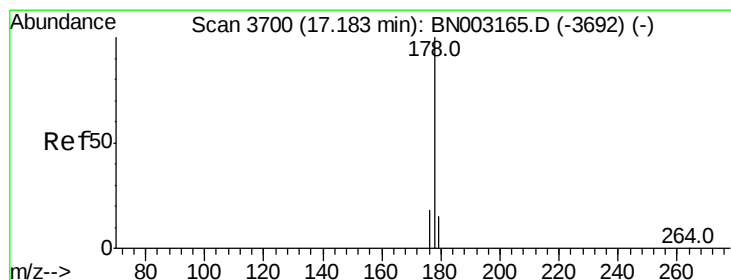
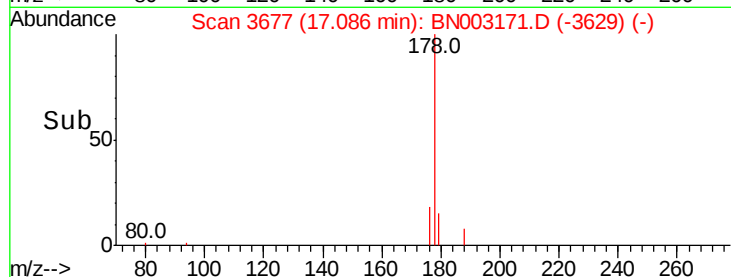
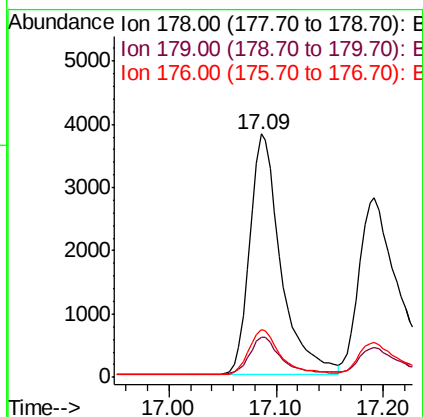
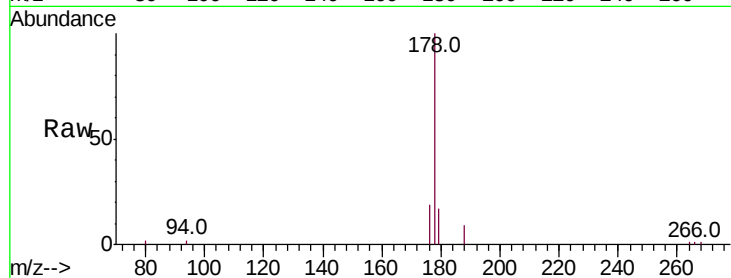
Tot Ion:178 Resp: 7727

Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

176 19.4 15.4 23.2



#13

Anthracene

Concen: 0.414 ng/ul

RT: 17.19 min Scan# 3702

Delta R.T. 0.01 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

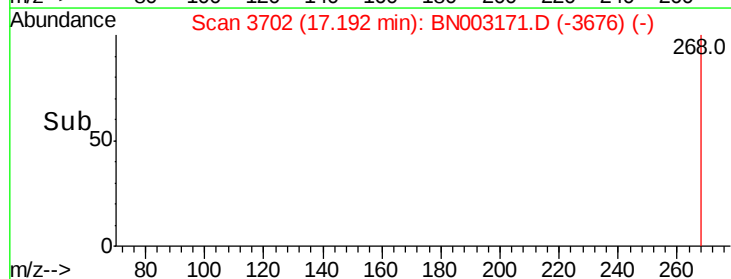
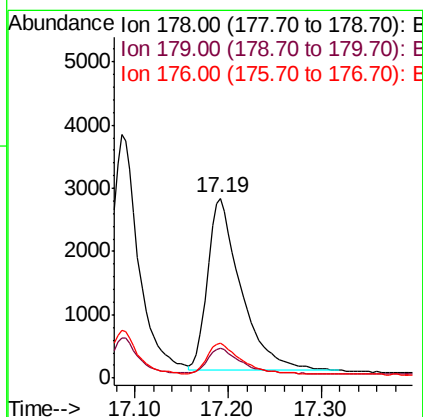
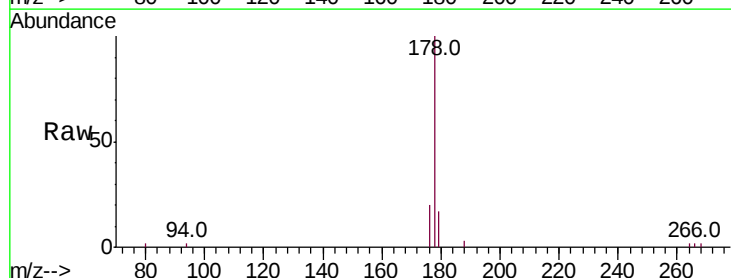
Tgt Ion:178 Resp: 6877

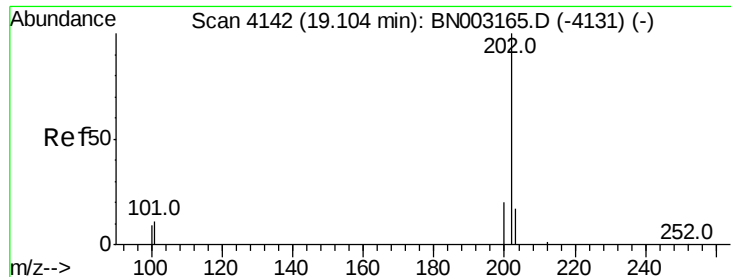
Ion Ratio Lower Upper

178 100

179 16.8 13.0 19.6

176 19.7 15.3 22.9





#15

Fluoranthene

Concen: 0.416 ng/ul

RT: 19.10 min Scan# 4142

Delta R.T. -0.00 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.413

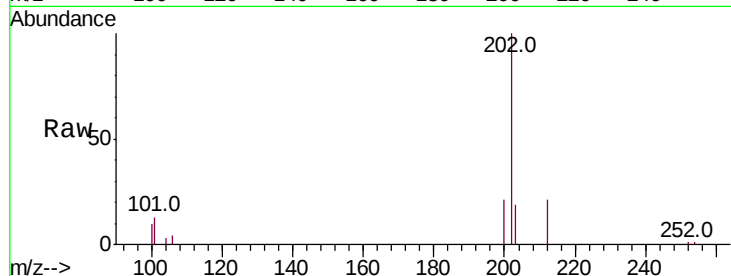
Tot Ion:202 Resp: 8592

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.3

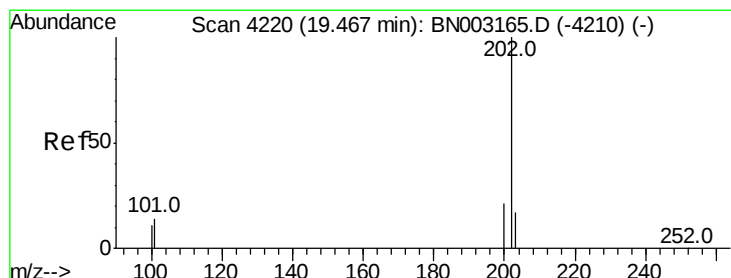
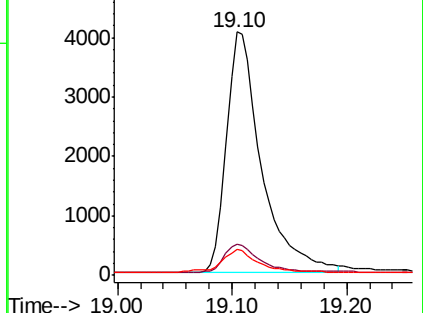
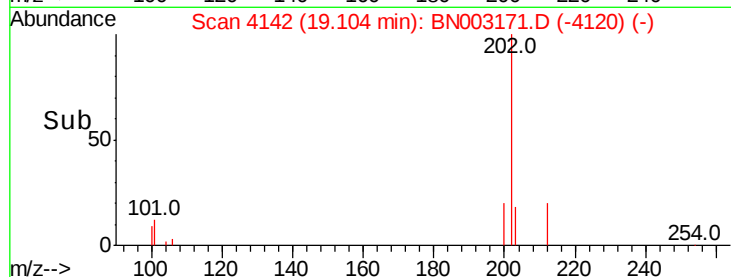
100 10.4 0.0 29.1



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: 0.492 ng/ul

RT: 19.47 min Scan# 4221

Delta R.T. 0.00 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

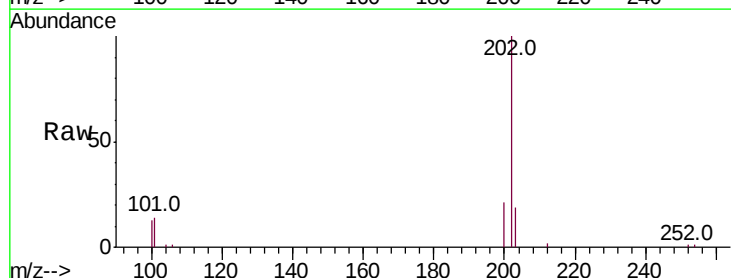
Tgt Ion:202 Resp: 8786

Ion Ratio Lower Upper

202 100

101 14.5 11.9 17.9

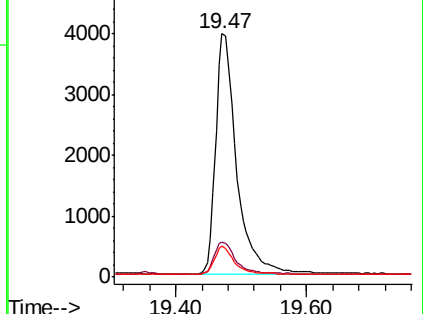
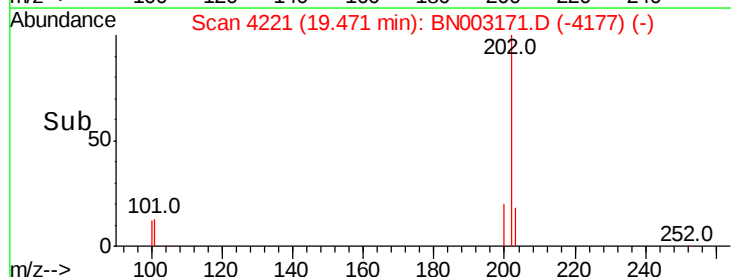
100 12.6 9.9 14.9

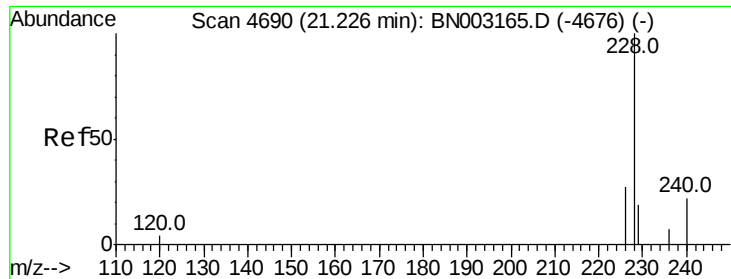


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.416 ng/ul

RT: 21.23 min Scan# 4693

Delta R.T. 0.01 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

Instrument :

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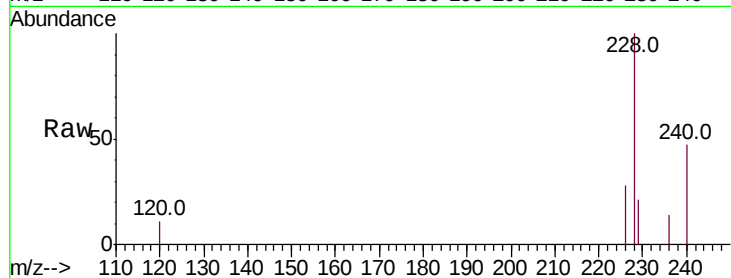
Tot Ion:228 Resp: 6159

Ion Ratio Lower Upper

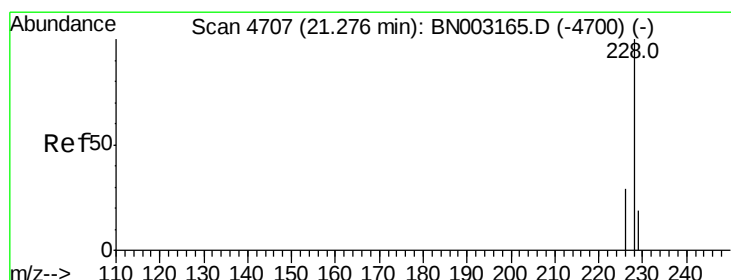
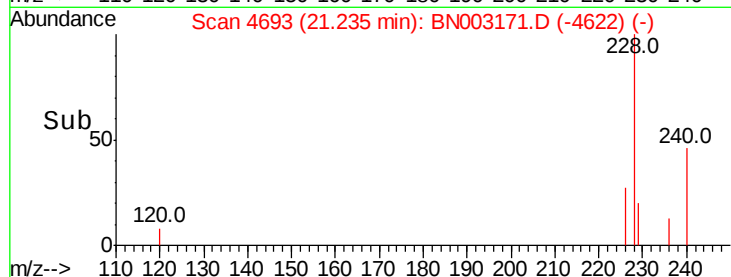
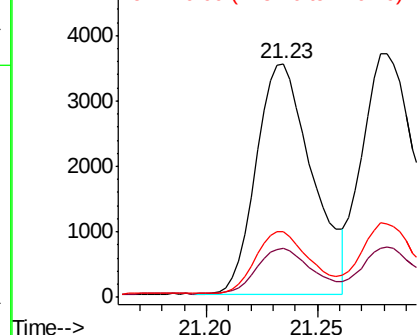
228 100

229 21.0 16.2 24.2

226 27.9 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: 0.453 ng/ul

RT: 21.28 min Scan# 4708

Delta R.T. 0.00 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

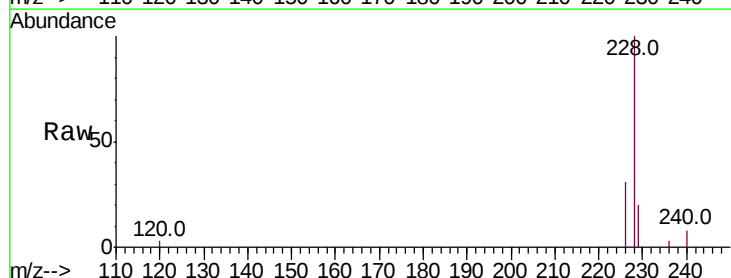
Tgt Ion:228 Resp: 6798

Ion Ratio Lower Upper

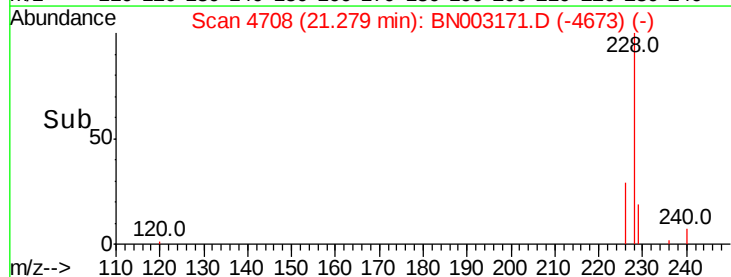
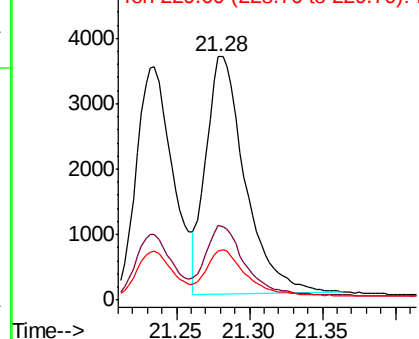
228 100

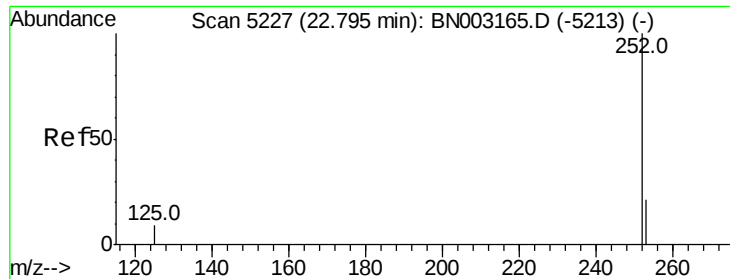
226 30.7 24.2 36.4

229 20.1 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: 0.397 ng/ul

RT: 22.80 min Scan# 5229

Delta R.T. 0.01 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

Instrument :

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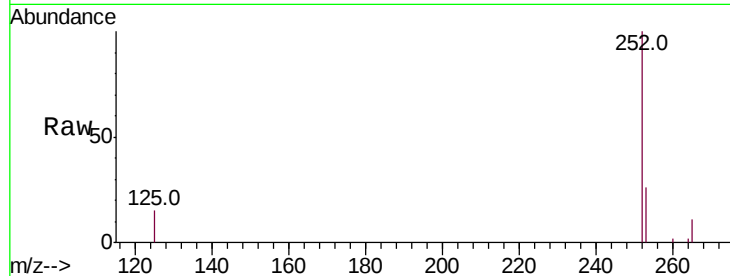
Tot Ion:252 Resp: 5780

Ion Ratio Lower Upper

252 100

253 25.7 0.0 53.2

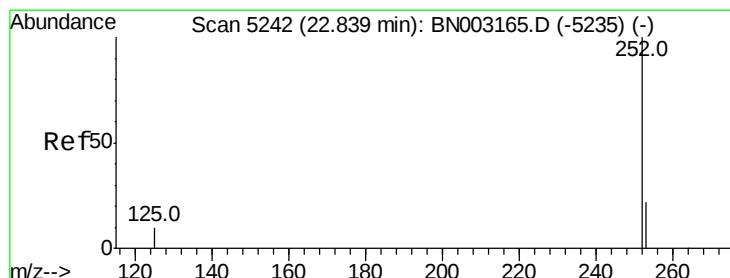
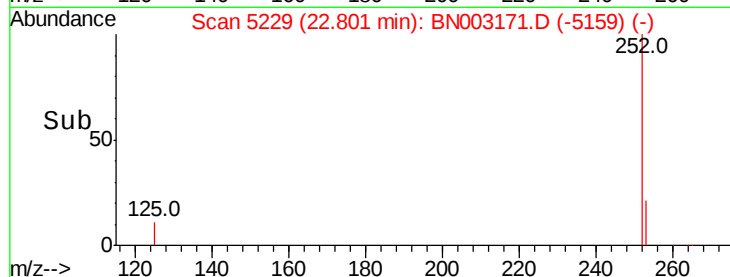
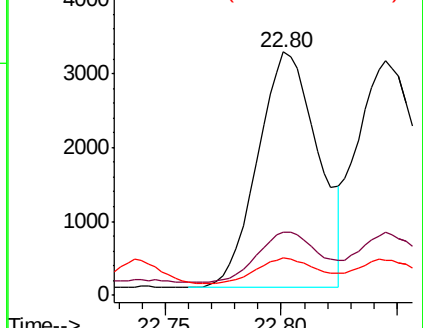
125 15.4 0.0 34.2



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: 0.431 ng/ul

RT: 22.84 min Scan# 5244

Delta R.T. 0.01 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

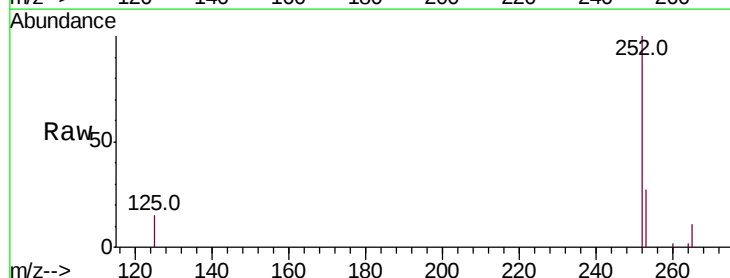
Tgt Ion:252 Resp: 6513

Ion Ratio Lower Upper

252 100

253 26.8 21.3 31.9

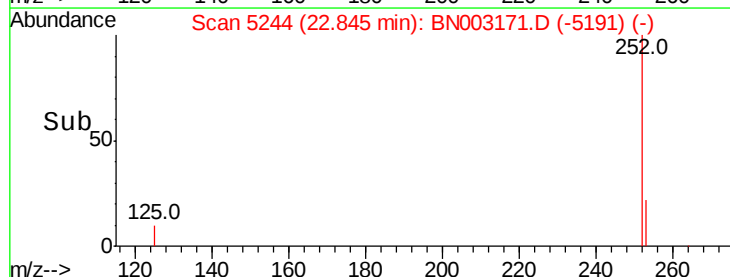
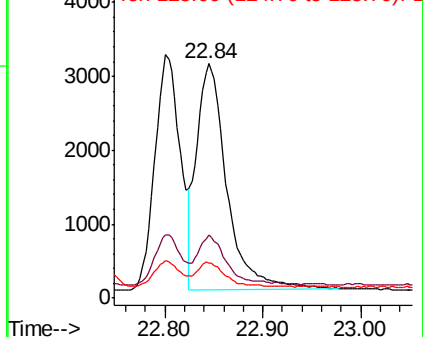
125 14.8 14.1 21.1

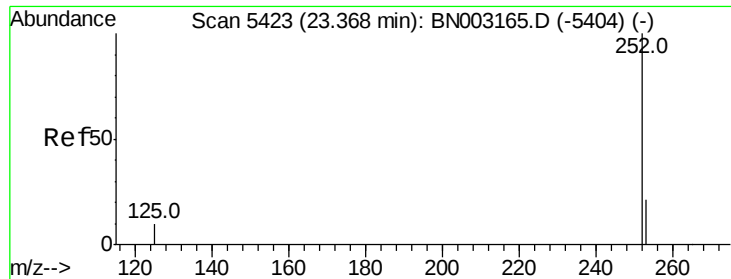


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.441 ng/ul

RT: 23.38 min Scan# 5426

Delta R.T. 0.01 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.413

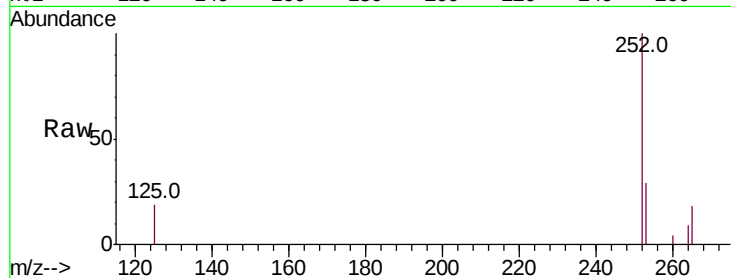
Tot Ion:252 Resp: 5764

Ion Ratio Lower Upper

252 100

253 28.9 23.1 34.7

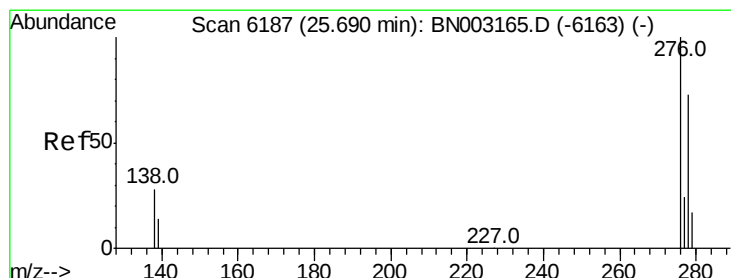
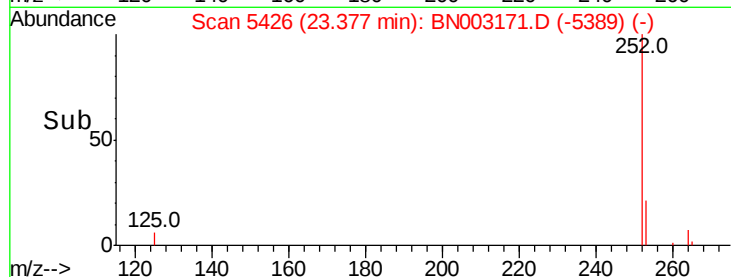
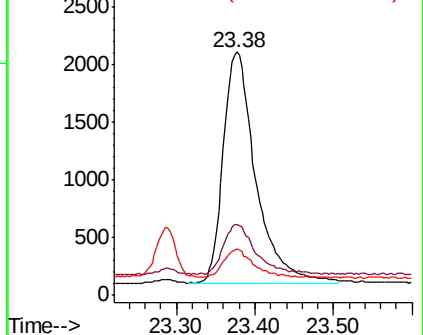
125 19.0 16.9 25.3



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: 0.413 ng/ul

RT: 25.70 min Scan# 6191

Delta R.T. 0.01 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

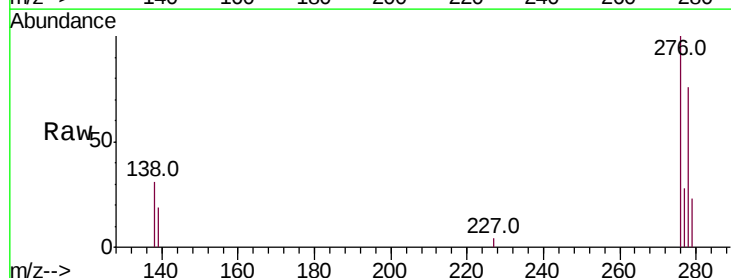
Tgt Ion:276 Resp: 6196

Ion Ratio Lower Upper

276 100

138 27.9 21.5 32.3

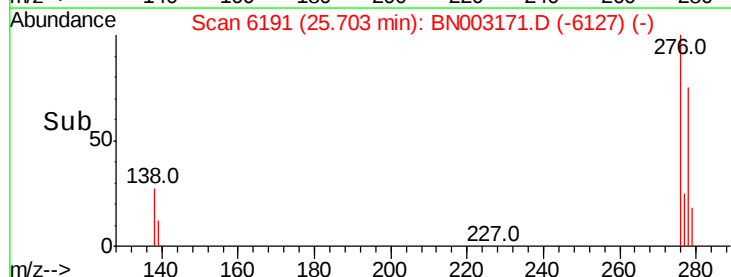
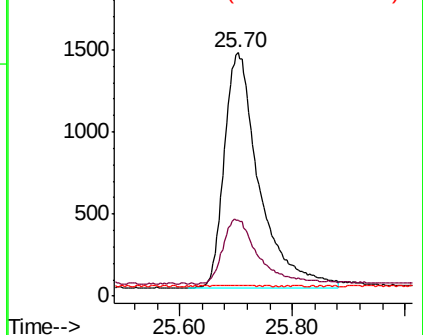
227 0.0 0.3 0.5#

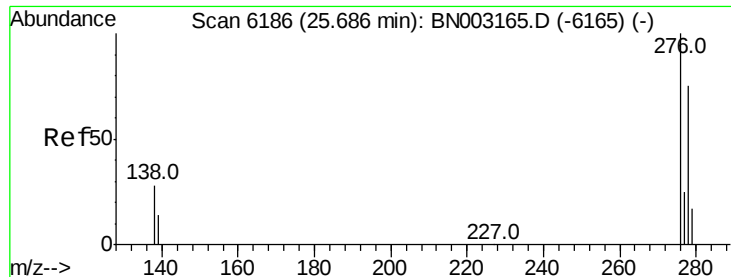


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.402 ng/ul

RT: 25.70 min Scan# 6190

Delta R.T. 0.01 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.413

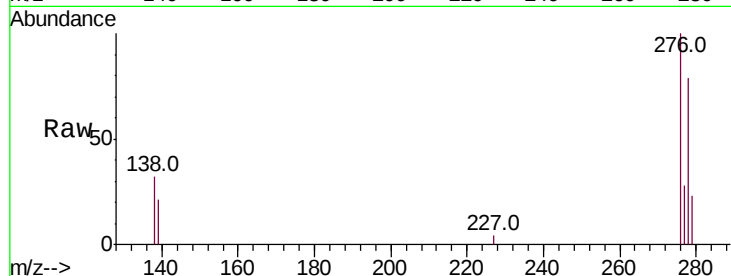
Tot Ion:278 Resp: 4828

Ion Ratio Lower Upper

278 100

139 26.1 20.2 30.4

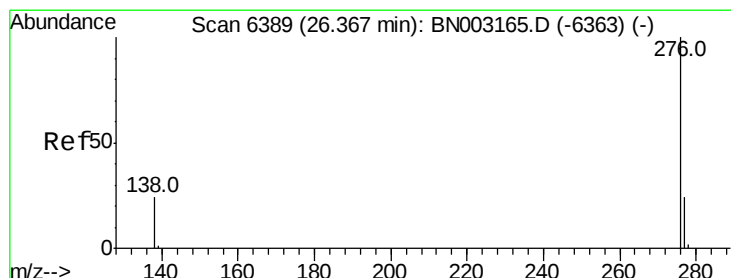
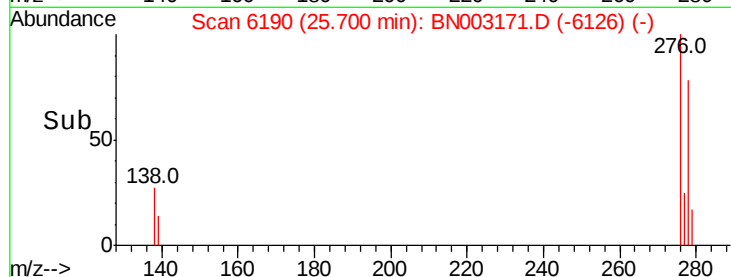
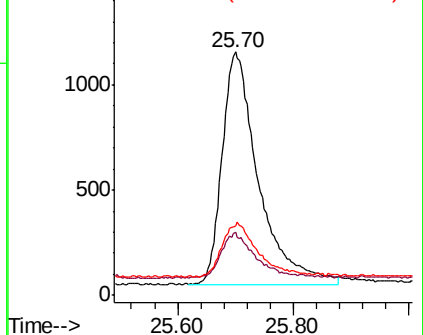
279 28.6 23.8 35.8



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: 0.435 ng/ul

RT: 26.38 min Scan# 6393

Delta R.T. 0.01 min

Lab File: BN003171.D

Acq: 16 Oct 2018 16:51

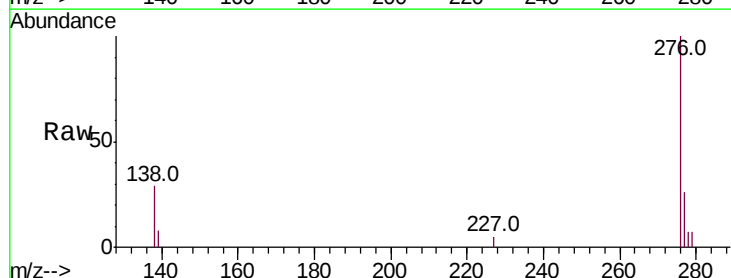
Tgt Ion:276 Resp: 5498

Ion Ratio Lower Upper

276 100

138 28.6 23.0 34.4

277 25.8 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

