

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002807.D
 Acq On : 21 Sep 2018 03:18
 Operator : JU/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.470

Quant Time: Sep 21 05:27:44 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 : Fri Sep 21 04:00:39 2018
 Response via : Initial Calibration

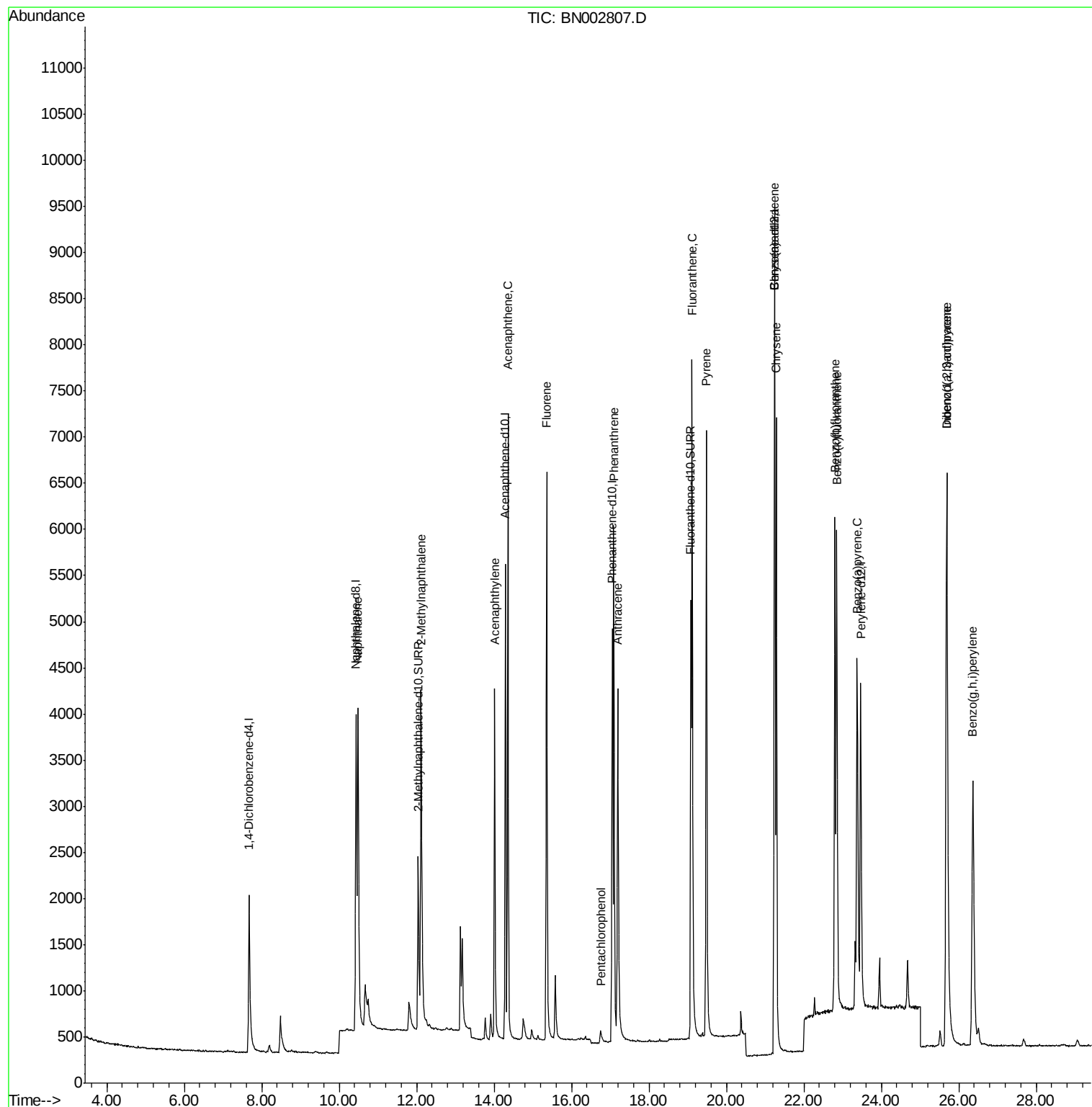
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1482	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	6237	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	3158	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	6384	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	5407	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	5379	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	3723	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	6592	0.40	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	6424	0.410	ng/ul#	96
5) 2-Methylnaphthalene	12.12	142	4269	0.420	ng/ul	100
7) Acenaphthylene	14.01	152	5454	0.409	ng/ul	97
8) Acenaphthene	14.36	153	4453	0.409	ng/ul	97
9) Fluorene	15.36	166	4748	0.409	ng/ul#	93
11) Pentachlorophenol	16.75	266	220	0.306	ng/ul	97
12) Phenanthrene	17.09	178	7113	0.404	ng/ul#	89
13) Anthracene	17.19	178	6186	0.404	ng/ul#	92
15) Fluoranthene	19.11	202	7537	0.397	ng/ul	95
17) Pyrene	19.48	202	7716	0.438	ng/ul#	97
18) Benzo(a)anthracene	21.24	228	6487	0.434	ng/ul#	86
19) Chrysene	21.29	228	7479	0.429	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	7326	0.412	ng/ul	88
22) Benzo(k)fluoranthene	22.85	252	7731	0.413	ng/ul#	91
23) Benzo(a)pyrene	23.38	252	7255	0.426	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.69	276	8461	0.412	ng/ul#	41
25) Dibenzo(a,h)anthracene	25.69	278	6790	0.413	ng/ul	93
26) Benzo(g,h,i)perylene	26.37	276	7283	0.411	ng/ul	98

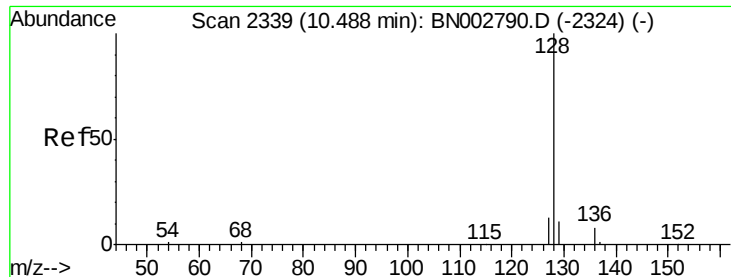
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.410 ng/ul

RT: 10.48 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

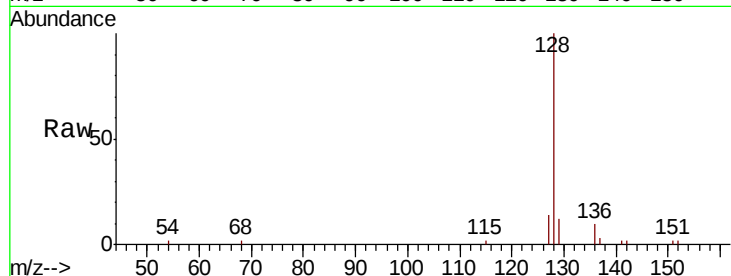
Tgt Ion:128 Resp: 6424

Ion Ratio Lower Upper

128 100

129 12.4 8.0 12.0#

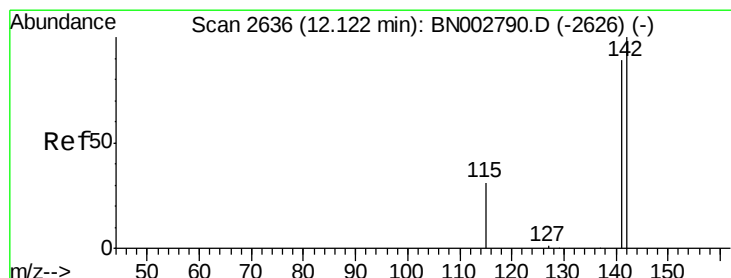
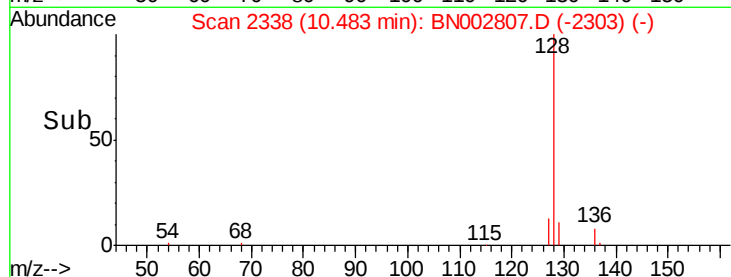
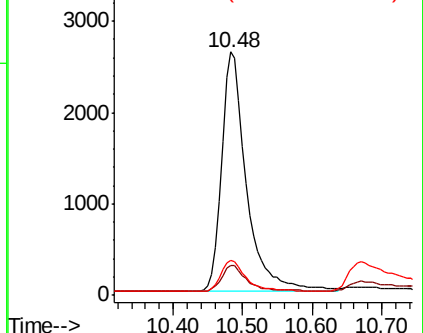
127 14.4 12.0 18.0



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: 0.420 ng/ul

RT: 12.12 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BN002807.D

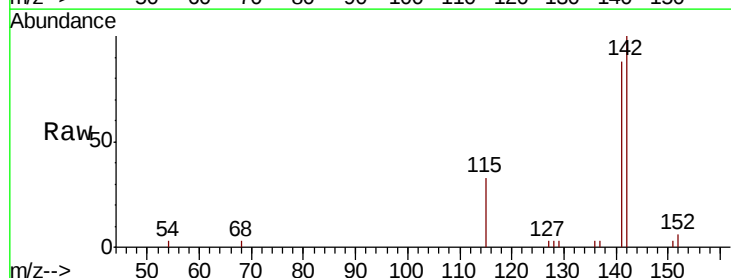
Acq: 21 Sep 2018 03:18

Tgt Ion:142 Resp: 4269

Ion Ratio Lower Upper

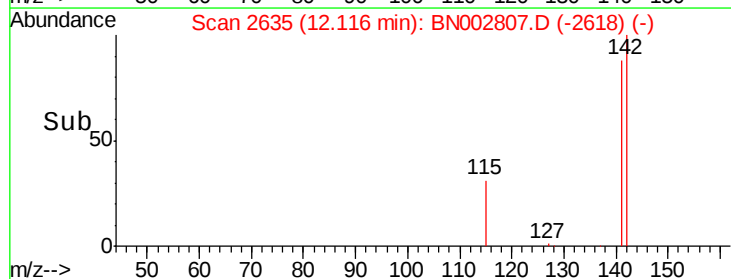
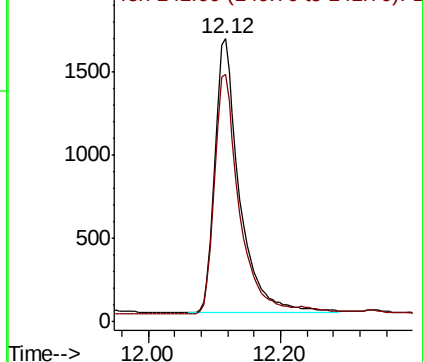
142 100

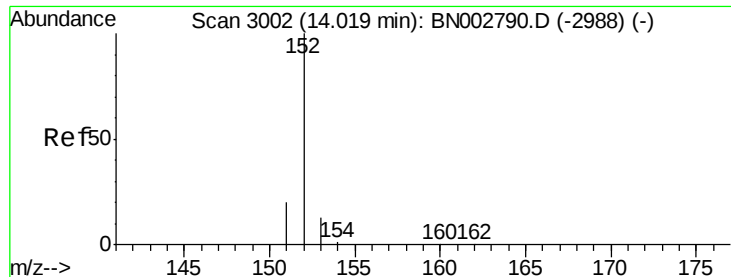
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.409 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

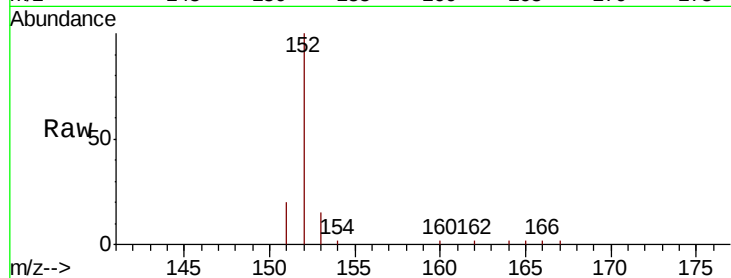
Tgt Ion:152 Resp: 5454

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

153 14.7 12.8 19.2

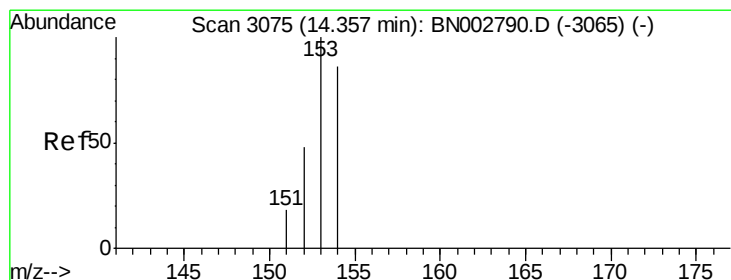
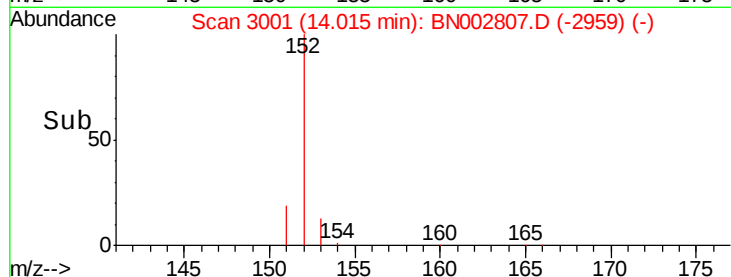
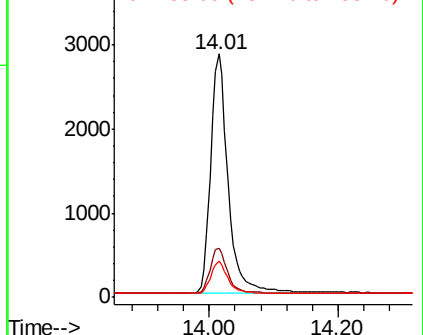


Abundance

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: 0.409 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

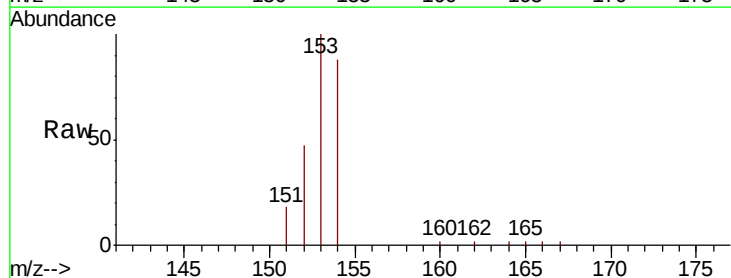
Tgt Ion:153 Resp: 4453

Ion Ratio Lower Upper

153 100

152 47.4 36.0 54.0

154 88.1 72.0 108.0

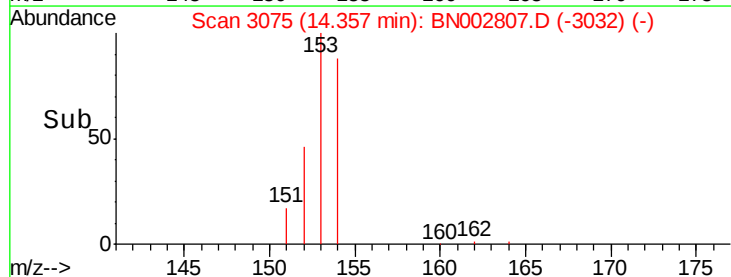
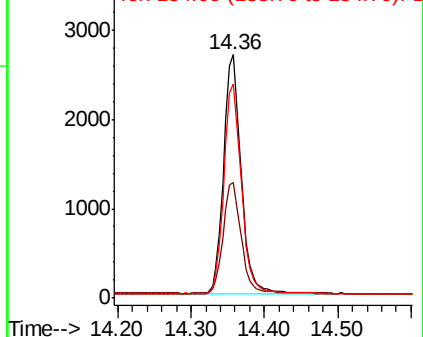


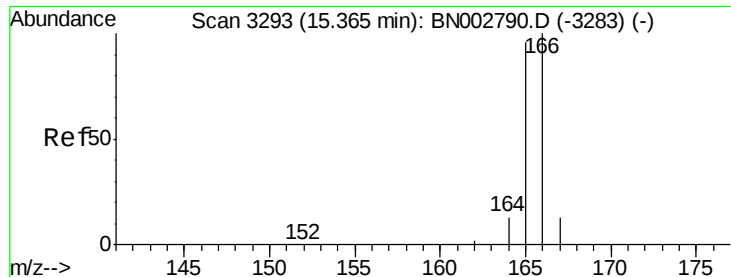
Abundance

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: 0.409 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

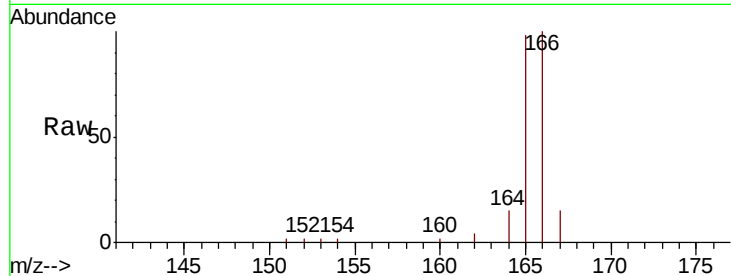
Tgt Ion:166 Resp: 4748

Ion Ratio Lower Upper

166 100

165 97.9 73.4 110.2

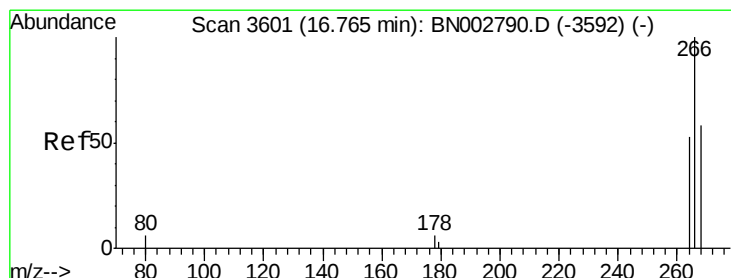
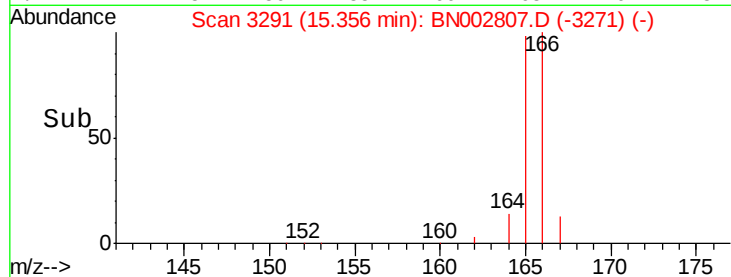
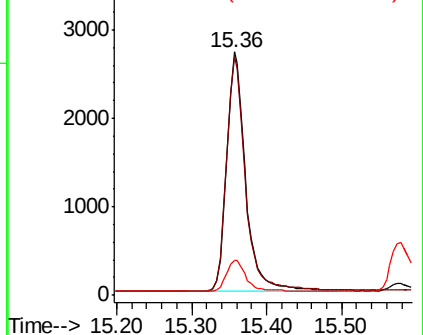
167 14.5 14.6 22.0#



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: 0.306 ng/ul

RT: 16.75 min Scan# 3597

Delta R.T. -0.02 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

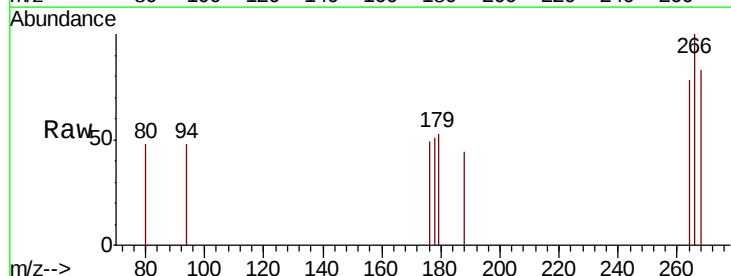
Tgt Ion:266 Resp: 220

Ion Ratio Lower Upper

266 100

264 64.5 47.9 71.9

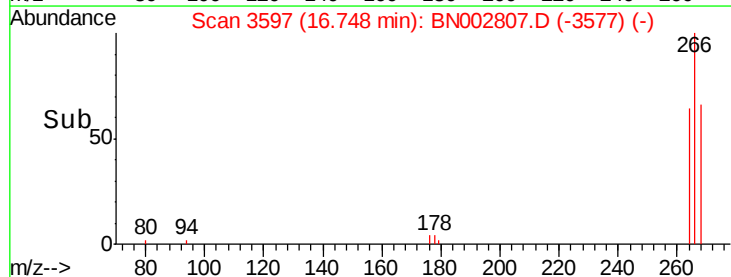
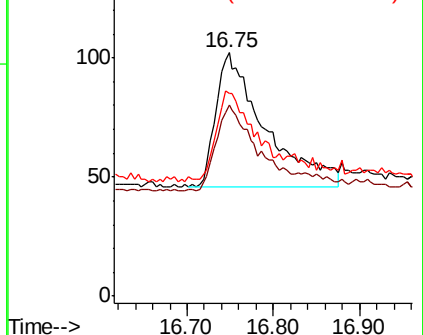
268 62.3 49.8 74.8

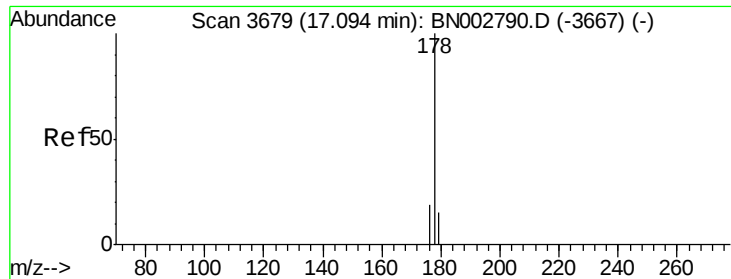


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.404 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

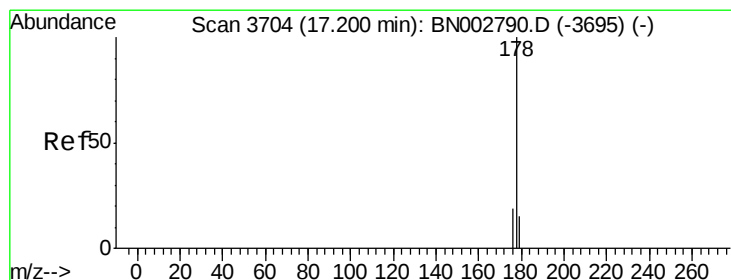
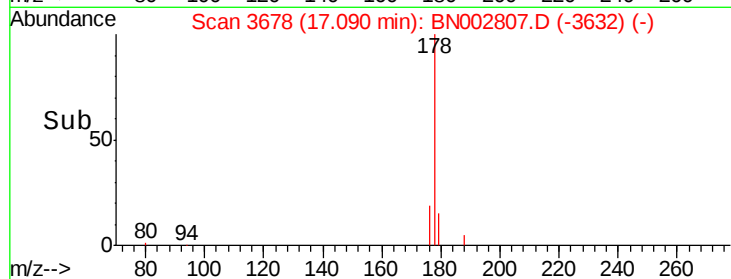
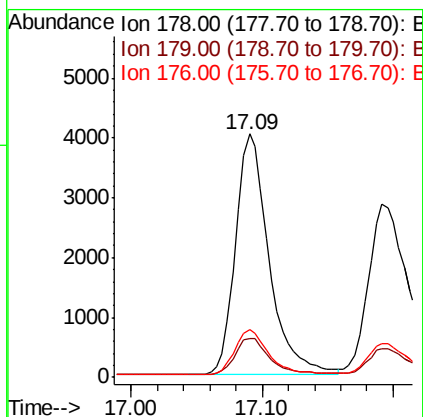
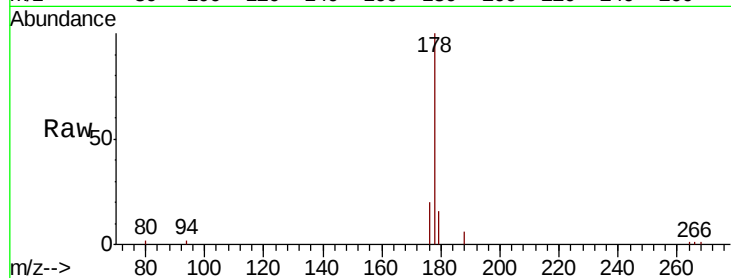
Tgt Ion:178 Resp: 7113

Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

176 19.8 13.6 20.4



#13

Anthracene

Concen: 0.404 ng/ul

RT: 17.19 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

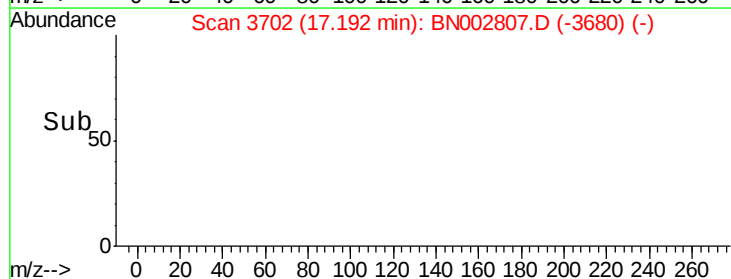
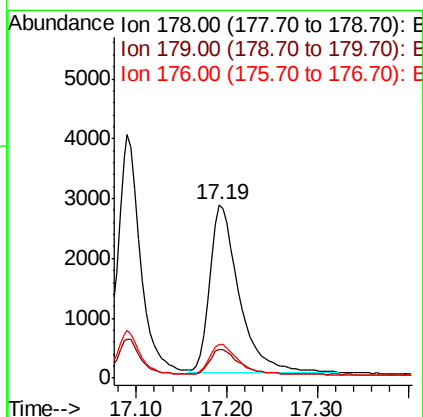
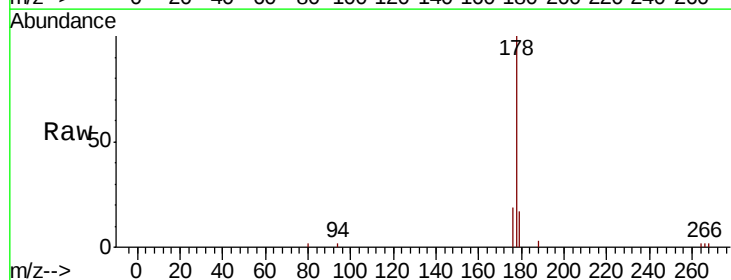
Tgt Ion:178 Resp: 6186

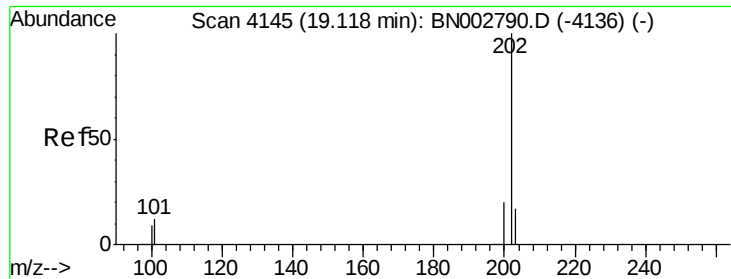
Ion Ratio Lower Upper

178 100

179 16.6 18.1 27.1#

176 19.4 14.7 22.1





#15

Fluoranthene

Concen: 0.397 ng/ul

RT: 19.11 min Scan# 4144

Delta R.T. -0.00 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

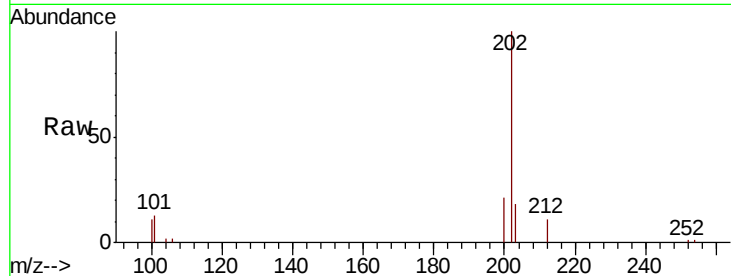
Tgt Ion:202 Resp: 7537

Ion Ratio Lower Upper

202 100

101 13.1 0.0 30.0

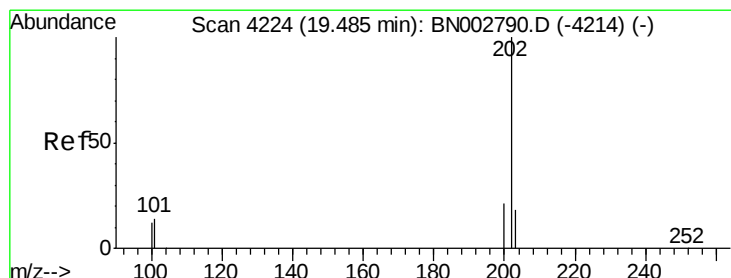
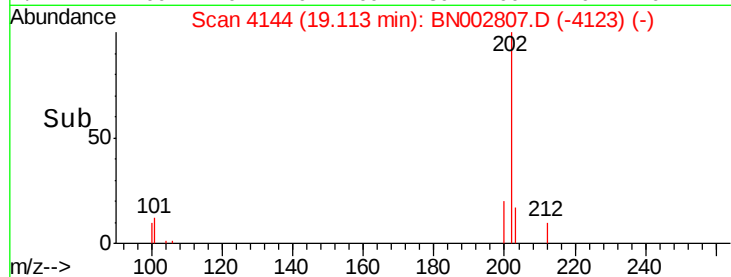
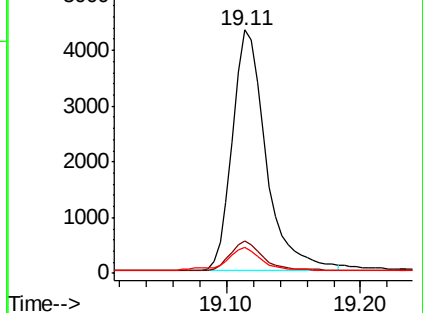
100 10.5 0.0 30.0



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: 0.438 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

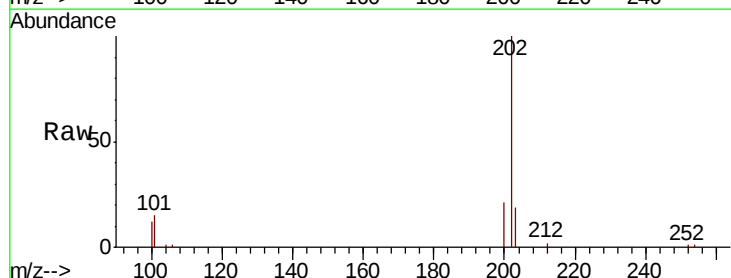
Tgt Ion:202 Resp: 7716

Ion Ratio Lower Upper

202 100

101 15.4 12.0 18.0

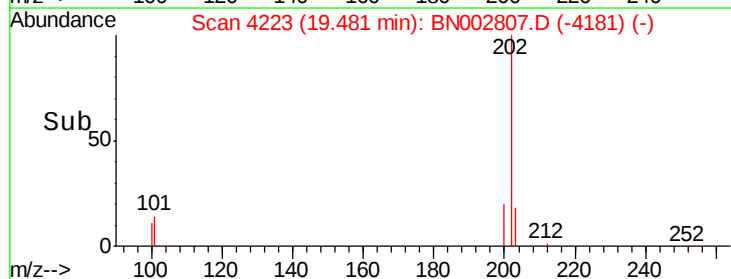
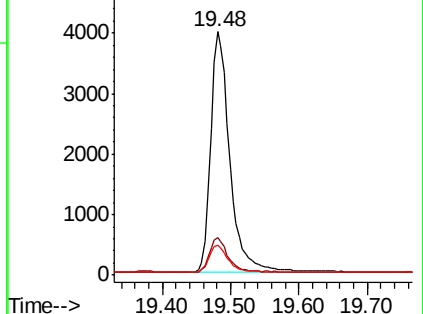
100 12.5 8.0 12.0#

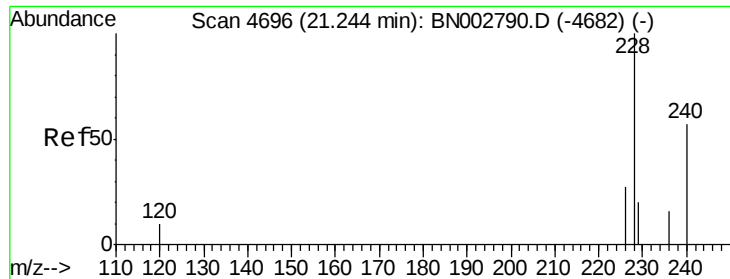


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.434 ng/ul

RT: 21.24 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN002807.D

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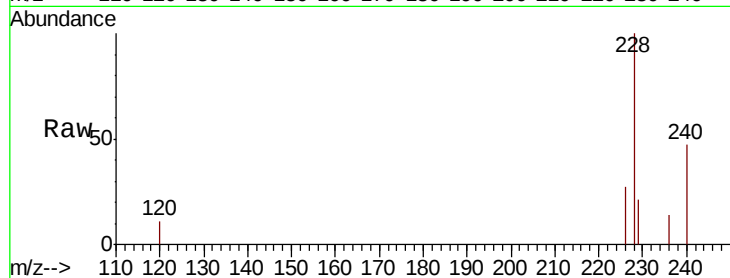
Tgt Ion:228 Resp: 6487

Ion Ratio Lower Upper

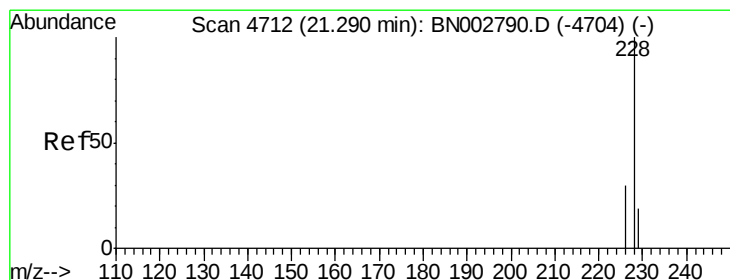
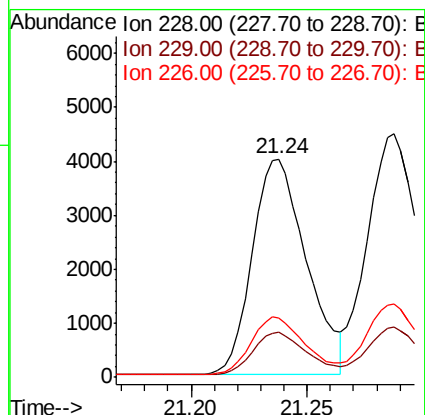
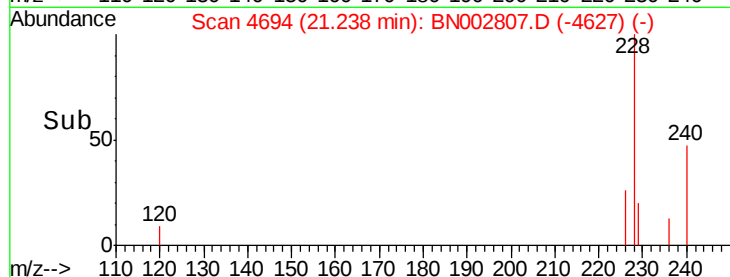
228 100

229 20.6 22.8 34.2#

226 26.9 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: 0.429 ng/ul

RT: 21.29 min Scan# 4711

Delta R.T. -0.00 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

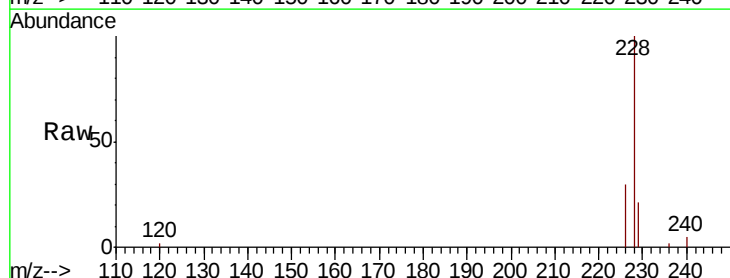
Tgt Ion:228 Resp: 7479

Ion Ratio Lower Upper

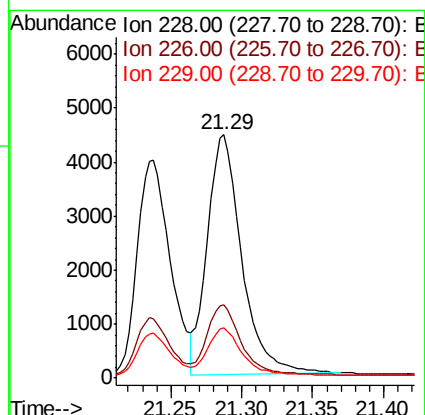
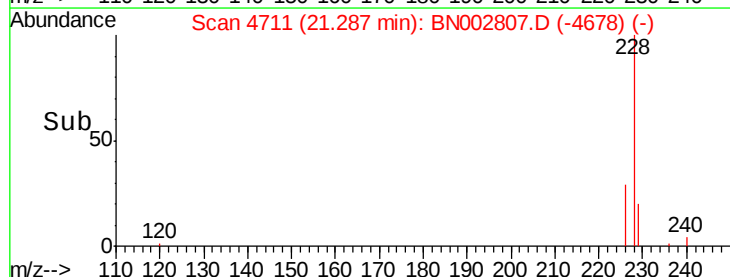
228 100

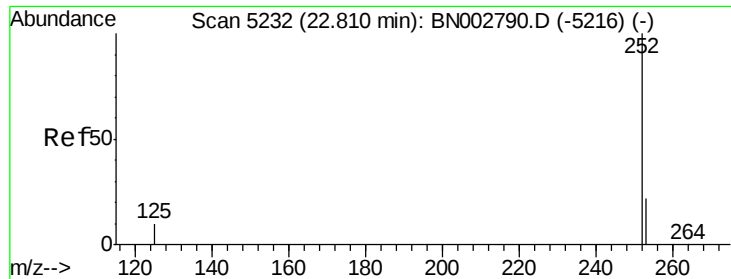
226 30.0 23.4 35.0

229 20.7 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: 0.412 ng/ul

RT: 22.81 min Scan# 5231

Delta R.T. -0.00 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

Instrument :

BNA_N

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SSTD0.470

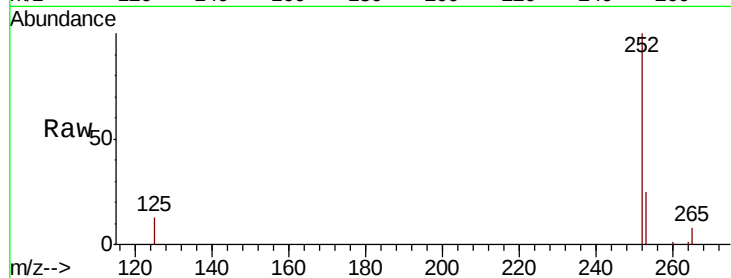
Tgt Ion:252 Resp: 7326

Ion Ratio Lower Upper

252 100

253 25.3 0.0 64.2

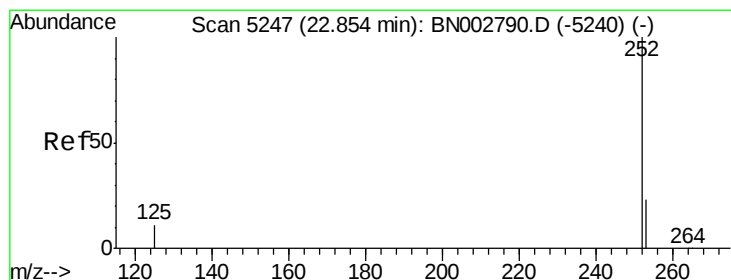
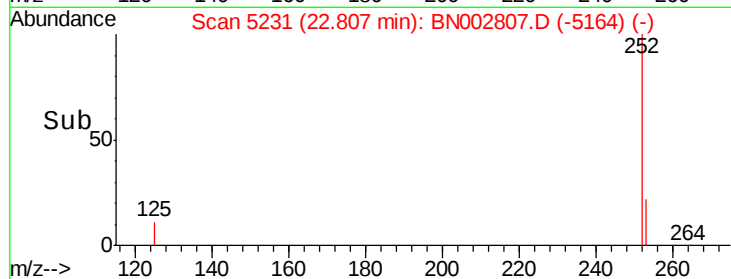
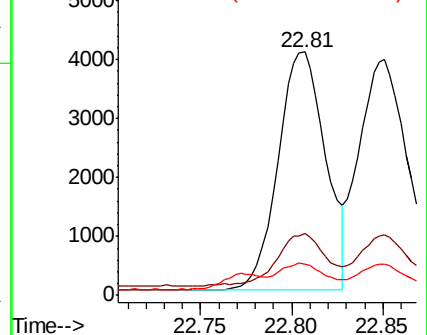
125 13.0 0.0 35.0



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: 22.85 min Scan# 5246

Delta R.T. -0.00 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

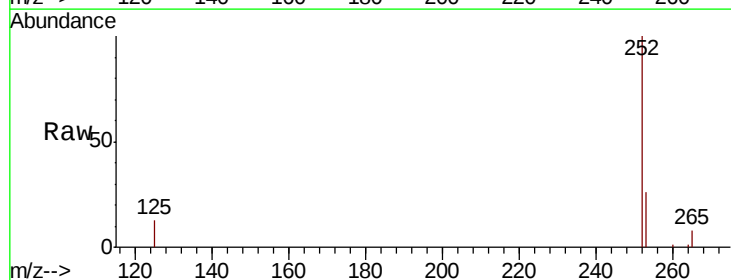
Tgt Ion:252 Resp: 7731

Ion Ratio Lower Upper

252 100

253 25.9 24.5 36.7

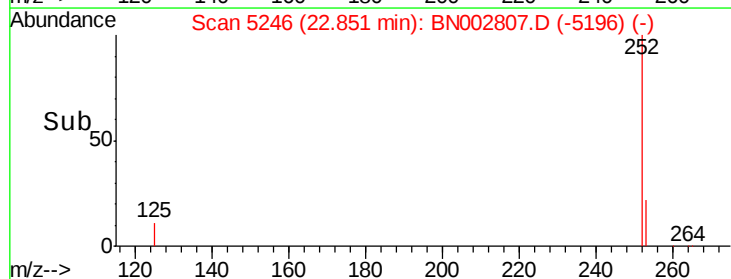
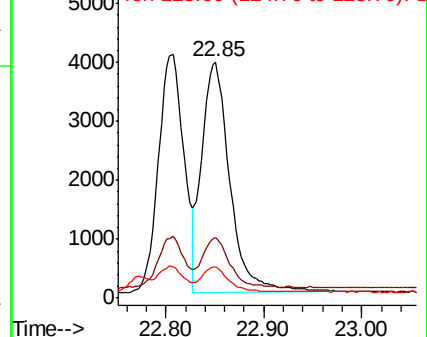
125 13.1 13.7 20.5#

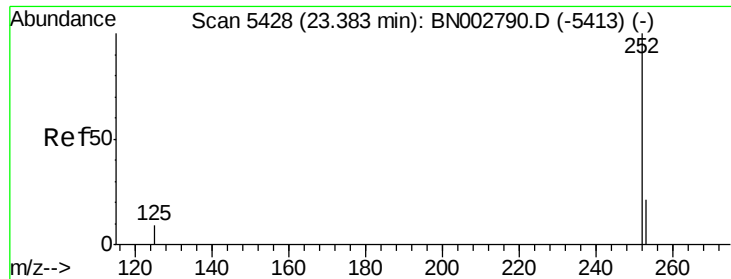


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.426 ng/ul

RT: 23.38 min Scan# 5426

Delta R.T. -0.01 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

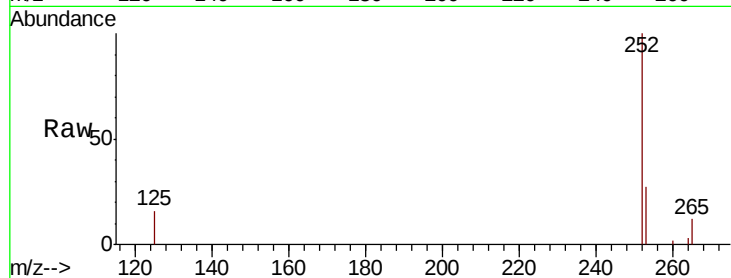
Tgt Ion:252 Resp: 7255

Ion Ratio Lower Upper

252 100

253 27.1 16.0 24.0#

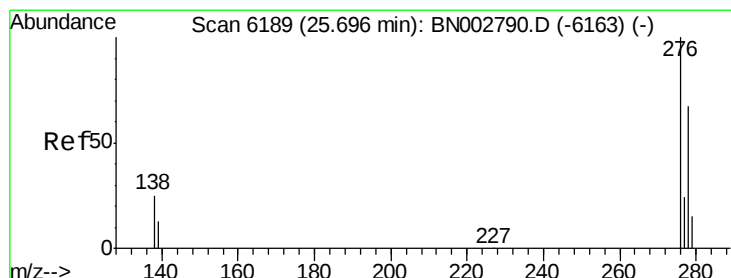
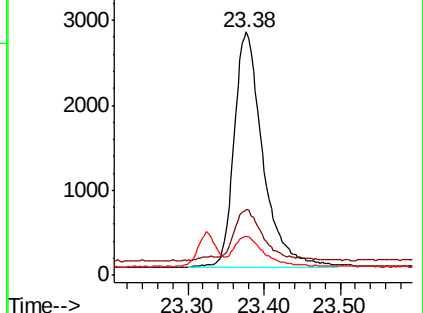
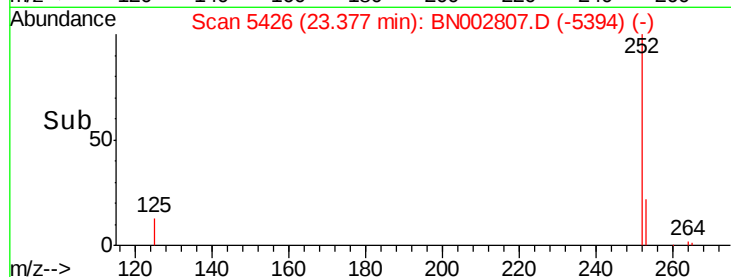
125 15.9 12.0 18.0



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: 0.412 ng/ul

RT: 25.69 min Scan# 6187

Delta R.T. -0.01 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

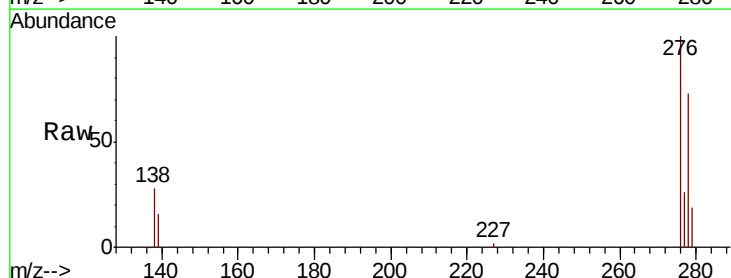
Tgt Ion:276 Resp: 8461

Ion Ratio Lower Upper

276 100

138 0.0 28.0 42.0#

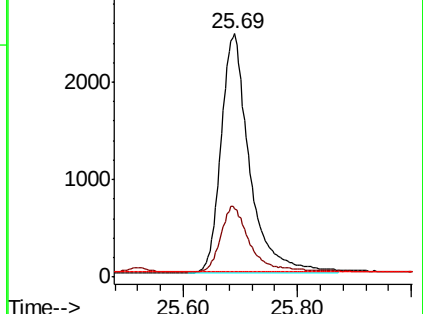
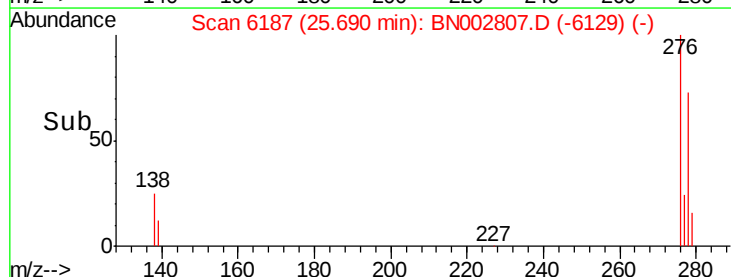
227 0.1 0.8 1.2#

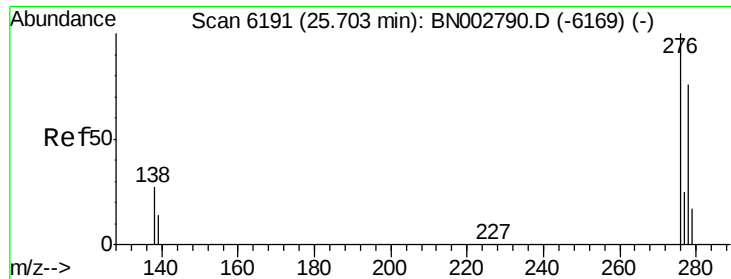


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.413 ng/ul

RT: 25.69 min Scan# 6188

Delta R.T. -0.01 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.470

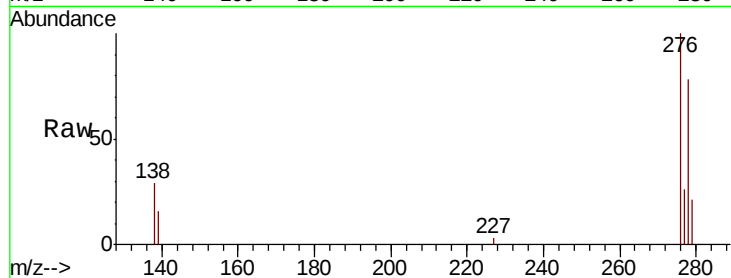
Tgt Ion: 278 Resp: 6790

Ion Ratio Lower Upper

278 100

139 20.7 17.4 26.0

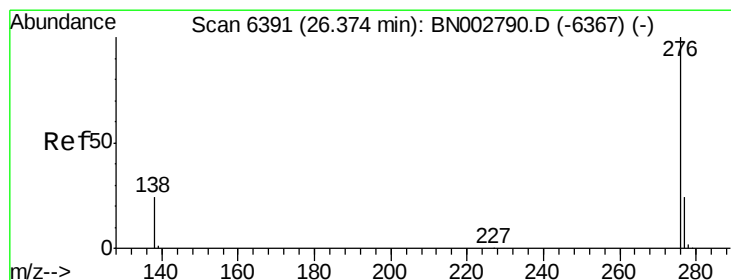
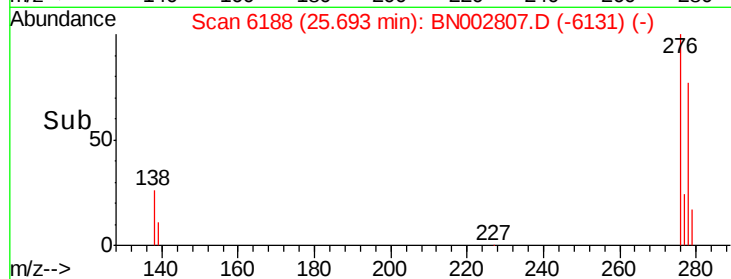
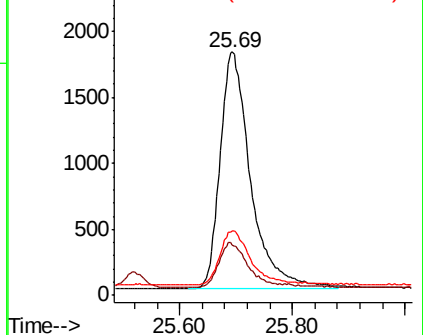
279 26.4 25.9 38.9



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: 0.411 ng/ul

RT: 26.37 min Scan# 6389

Delta R.T. -0.01 min

Lab File: BN002807.D

Acq: 21 Sep 2018 03:18

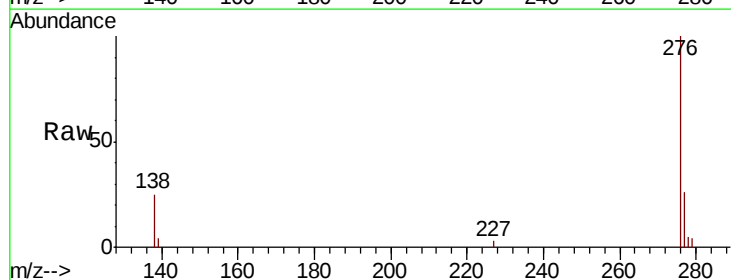
Tgt Ion: 276 Resp: 7283

Ion Ratio Lower Upper

276 100

138 25.1 21.8 32.8

277 25.6 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

