

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002786.D
 Acq On : 20 Sep 2018 10:54
 Operator : JU/SJ
 Sample : J4914-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2E01

Quant Time: Sep 21 03:04:28 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 : Fri Sep 21 03:03:58 2018
 Response via : Initial Calibration

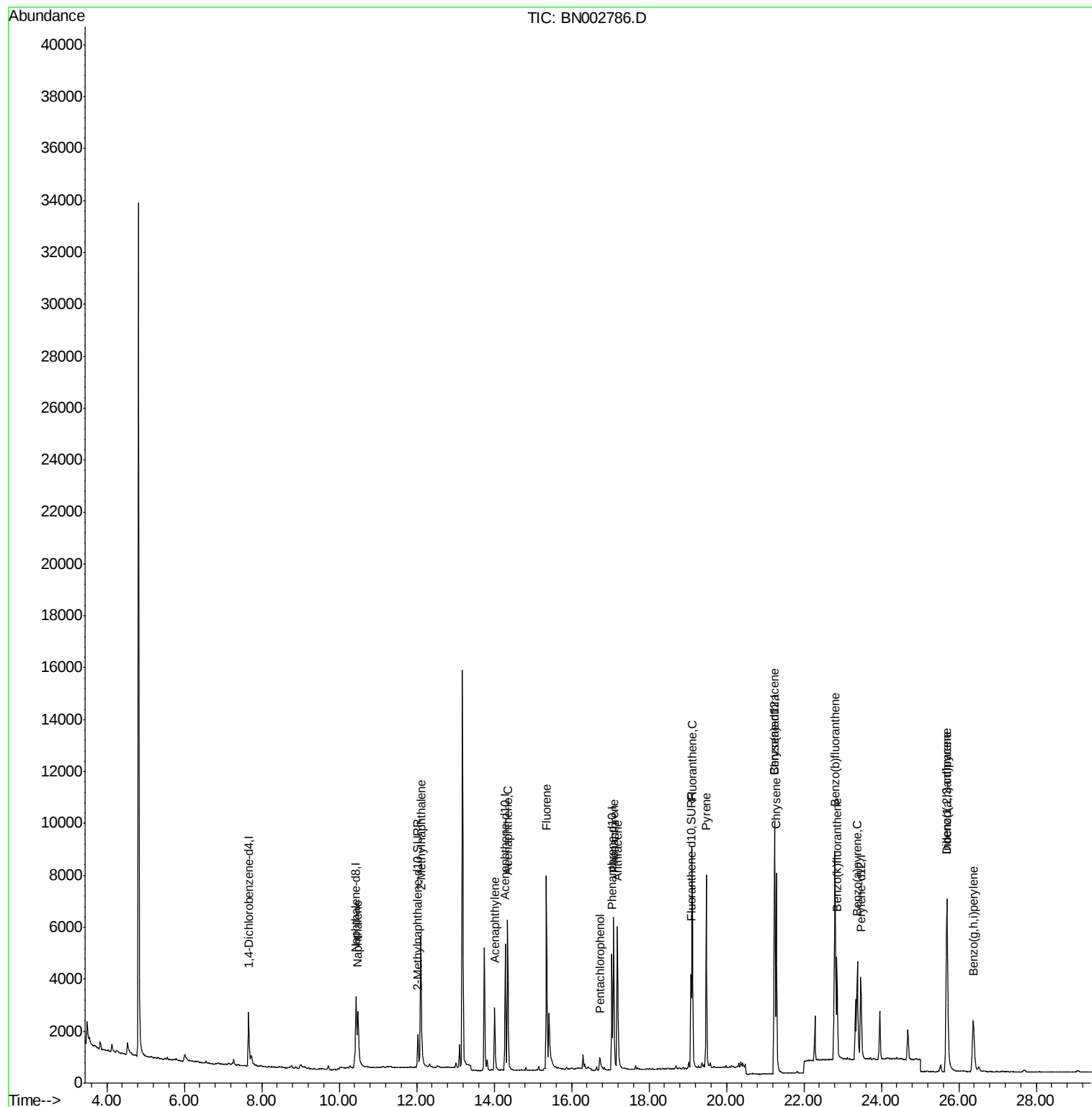
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1426	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	5536	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	2844	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5937	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	5205	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	5084	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	2337	0.29	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	4903	0.32	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.48	128	3885	0.279	ng/ul#	95
5) 2-Methylnaphthalene	12.11	142	5278	0.585	ng/ul	98
7) Acenaphthylene	14.01	152	3343	0.278	ng/ul	99
8) Acenaphthene	14.35	153	3771	0.385	ng/ul	97
9) Fluorene	15.35	166	5895	0.564	ng/ul	92
11) Pentachlorophenol	16.73	266	775	1.158	ng/ul	96
12) Phenanthrene	17.09	178	6809	0.415	ng/ul#	89
13) Anthracene	17.18	178	7817	0.549	ng/ul#	92
15) Fluoranthene	19.11	202	7377	0.418	ng/ul	76
17) Pyrene	19.48	202	7433	0.438	ng/ul	97
18) Benzo(a)anthracene	21.23	228	7761	0.539	ng/ul#	86
19) Chrysene	21.29	228	8147	0.486	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	10597	0.631	ng/ul	88
22) Benzo(k)fluoranthene	22.85	252	5659	0.320	ng/ul	94
23) Benzo(a)pyrene	23.38	252	6857	0.426	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.69	276	2927	0.151	ng/ul#	69
25) Dibenzo(a,h)anthracene	25.69	278	11769	0.758	ng/ul#	91
26) Benzo(g,h,i)perylene	26.37	276	5057	0.302	ng/ul	98

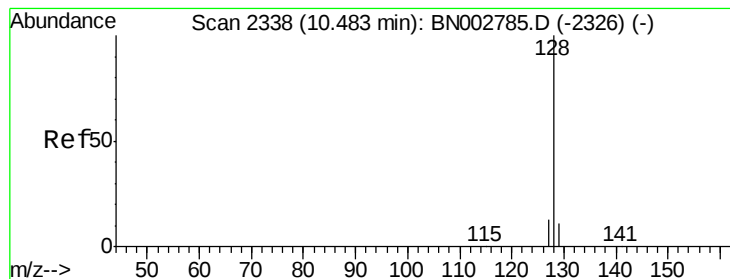
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.279 ng/ul

RT: 10.48 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

Instrument :

BNA_N

ClientSampleId :

X2E01

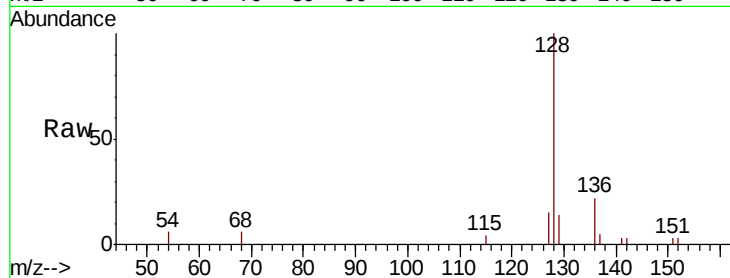
Tgt Ion:128 Resp: 3885

Ion Ratio Lower Upper

128 100

129 14.1 8.0 12.0#

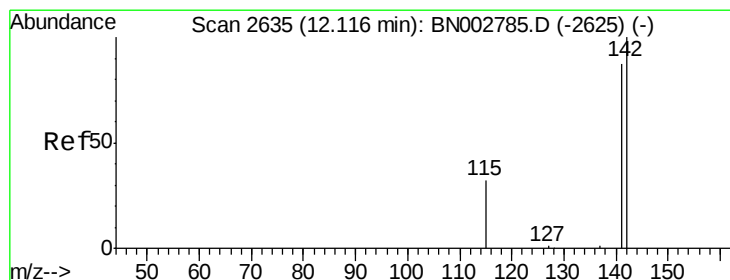
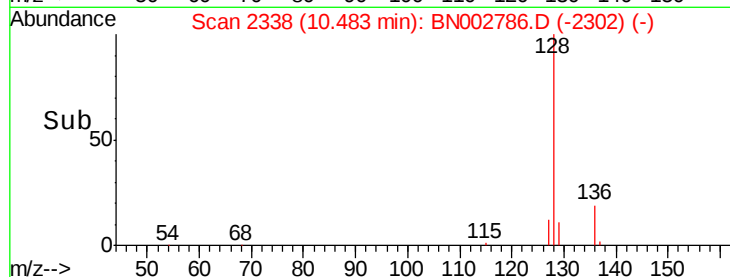
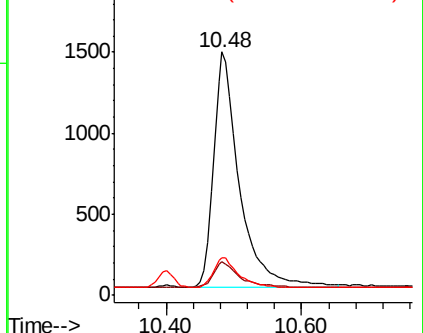
127 15.2 12.0 18.0



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: 0.585 ng/ul

RT: 12.11 min Scan# 2633

Delta R.T. -0.01 min

Lab File: BN002786.D

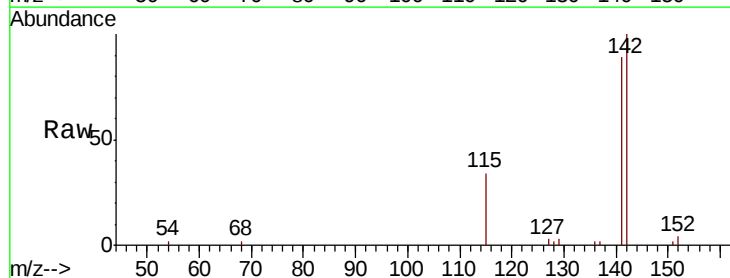
Acq: 20 Sep 2018 10:54

Tgt Ion:142 Resp: 5278

Ion Ratio Lower Upper

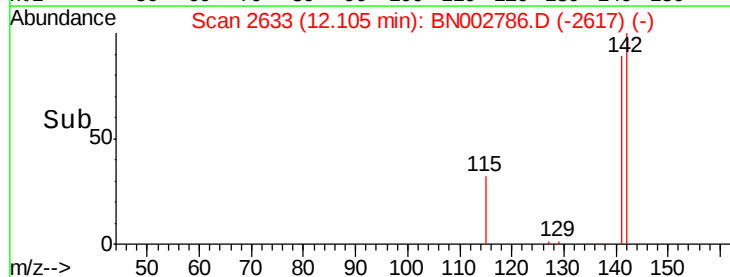
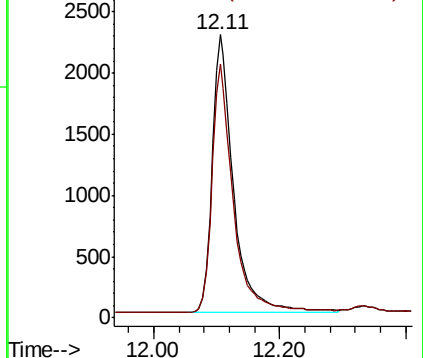
142 100

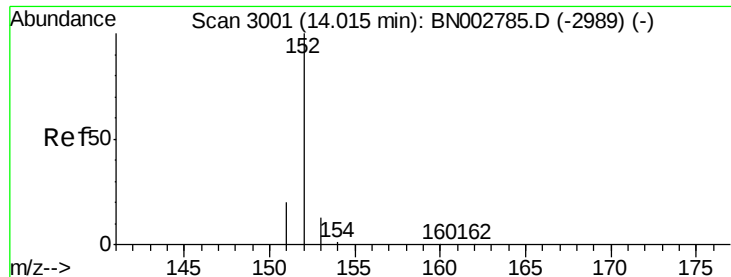
141 88.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.278 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

Instrument :

BNA_N

ClientSampleId :

X2E01

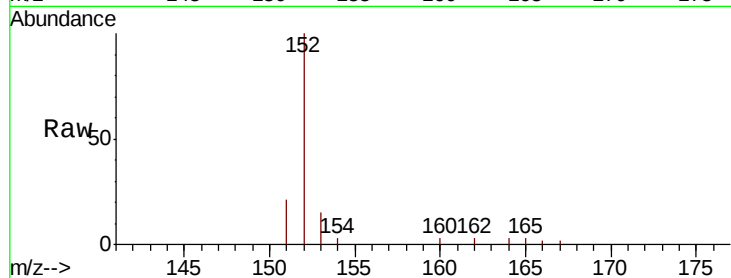
Tgt Ion:152 Resp: 3343

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

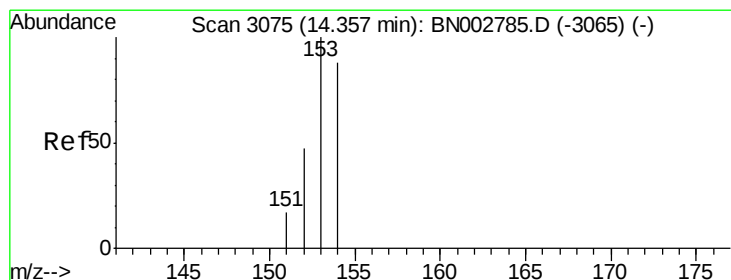
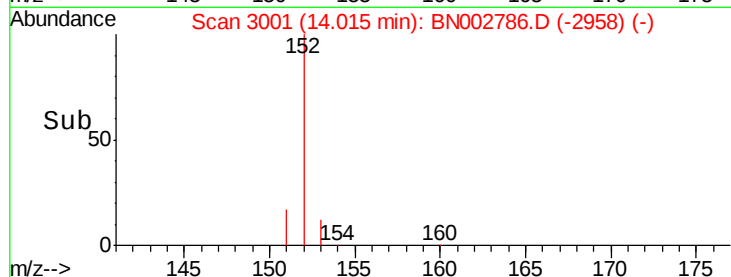
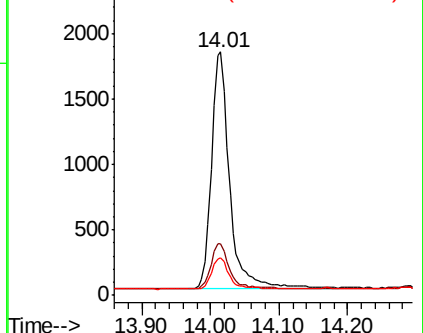
153 15.4 12.8 19.2



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: 0.385 ng/ul

RT: 14.35 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

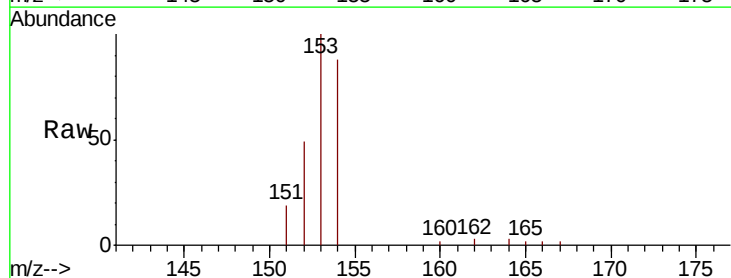
Tgt Ion:153 Resp: 3771

Ion Ratio Lower Upper

153 100

152 48.8 36.0 54.0

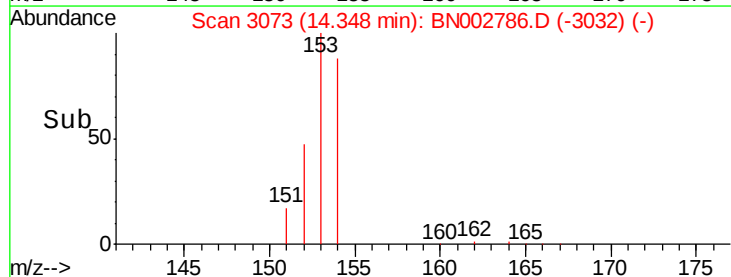
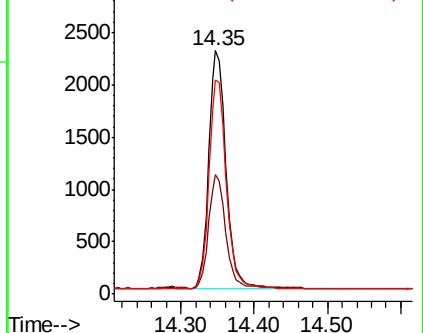
154 88.1 72.0 108.0

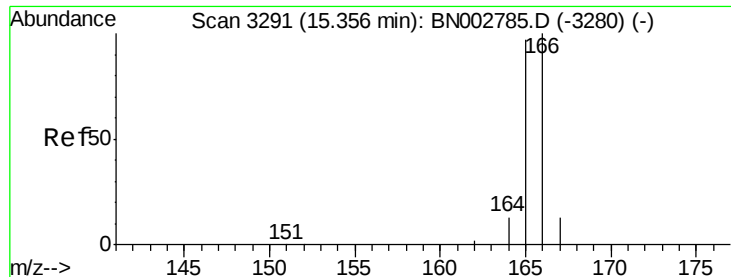


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.564 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

Instrument :

BNA_N

ClientSampleId :

X2E01

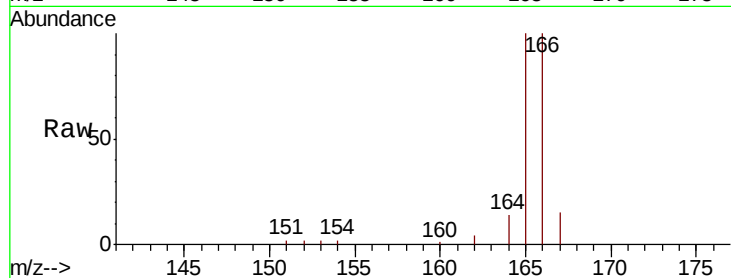
Tgt Ion:166 Resp: 5895

Ion Ratio Lower Upper

166 100

165 99.7 73.4 110.2

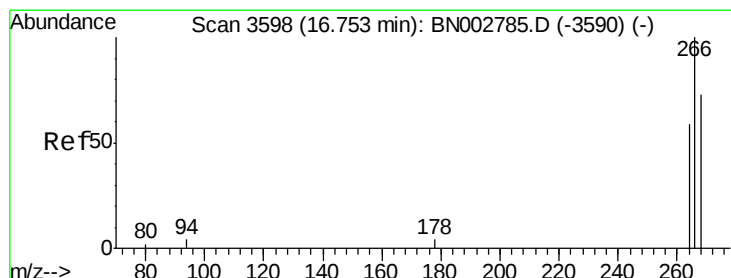
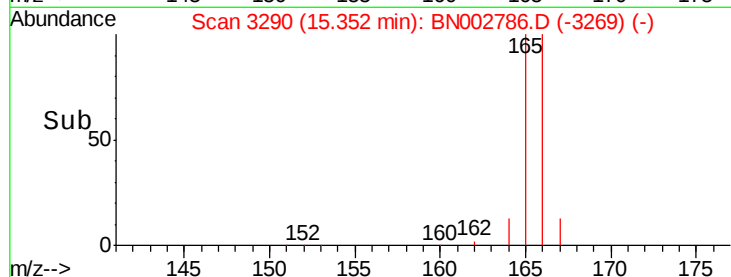
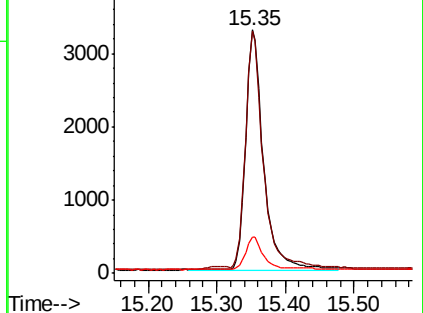
167 14.7 14.6 22.0



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: 1.158 ng/ul

RT: 16.73 min Scan# 3593

Delta R.T. -0.02 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

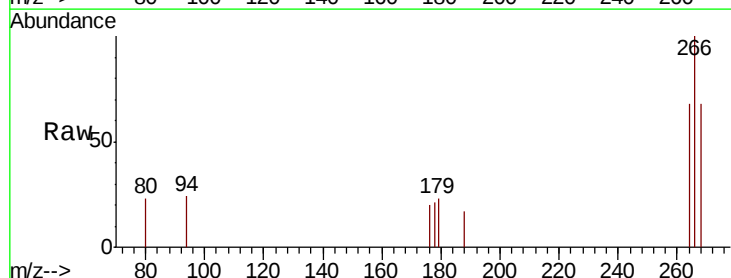
Tgt Ion:266 Resp: 775

Ion Ratio Lower Upper

266 100

264 62.7 47.9 71.9

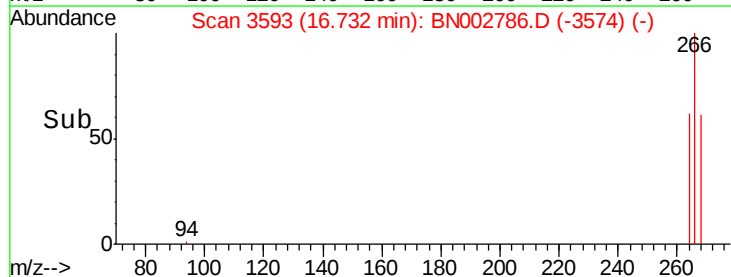
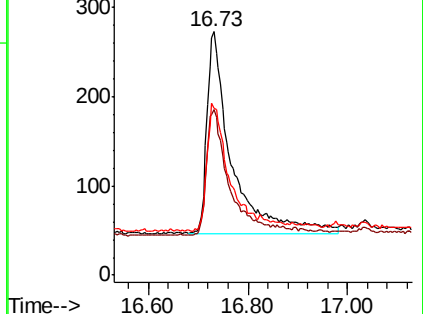
268 65.3 49.8 74.8

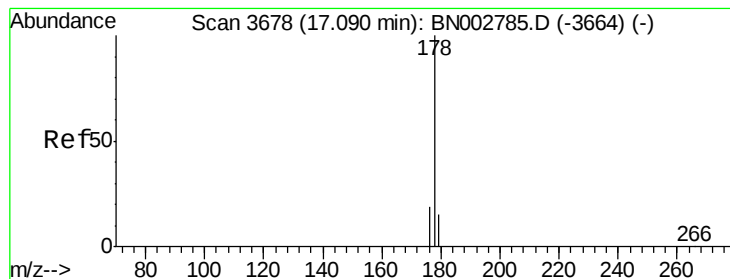


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.415 ng/ul

RT: 17.09 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

Instrument :

BNA_N

ClientSampleId :

X2E01

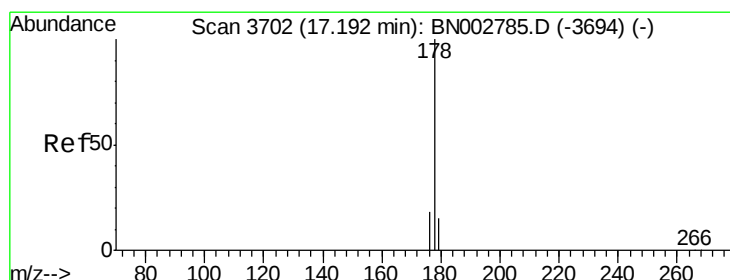
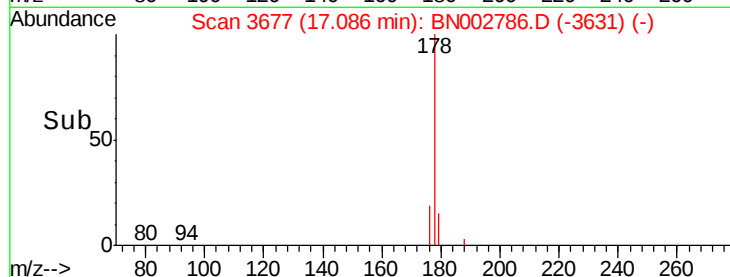
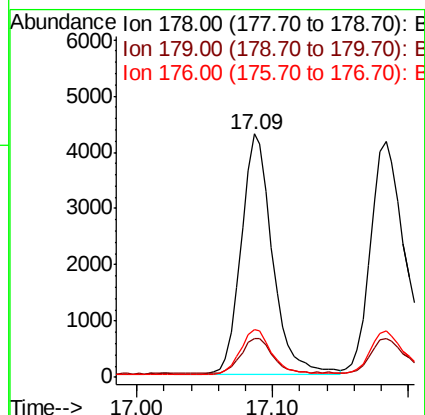
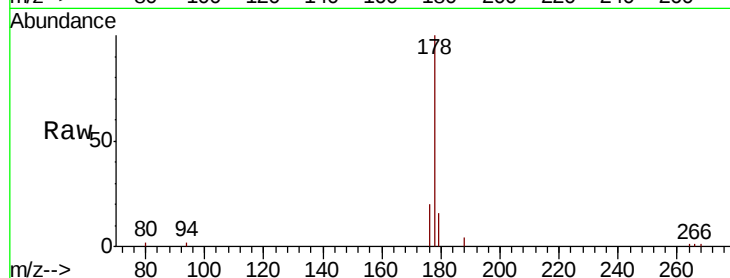
Tgt Ion:178 Resp: 6809

Ion Ratio Lower Upper

178 100

179 16.1 18.4 27.6#

176 19.8 13.6 20.4



#13

Anthracene

Concen: 0.549 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

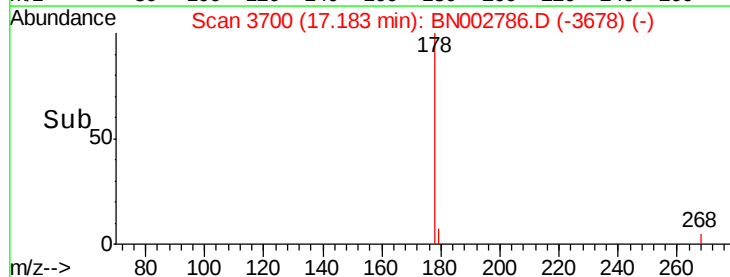
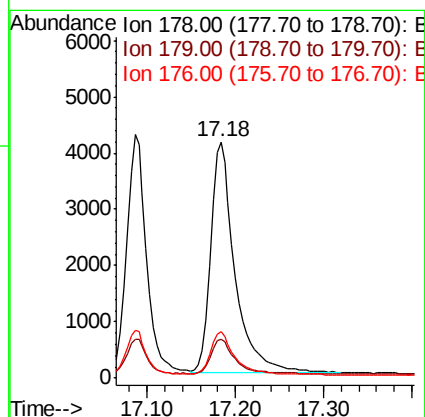
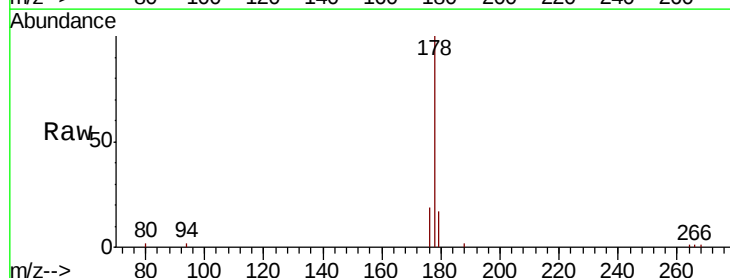
Tgt Ion:178 Resp: 7817

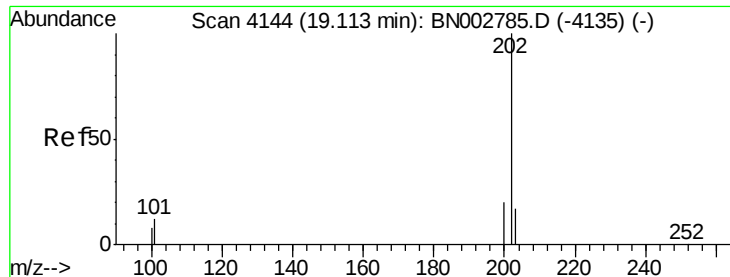
Ion Ratio Lower Upper

178 100

179 16.5 18.1 27.1#

176 19.4 14.7 22.1





#15

Fluoranthene

Concen: 0.418 ng/ul

RT: 19.11 min Scan# 4144

Delta R.T. 0.00 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

Instrument :

BNA_N

ClientSampleId :

X2E01

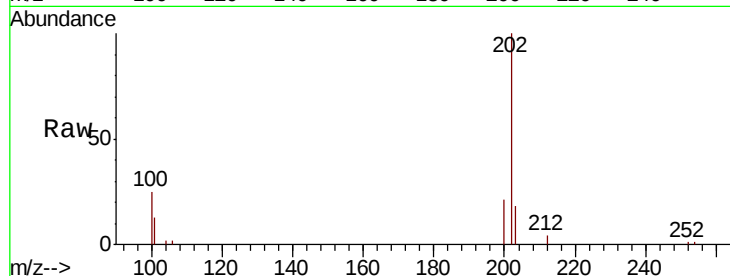
Tgt Ion:202 Resp: 7377

Ion Ratio Lower Upper

202 100

101 13.4 0.0 30.0

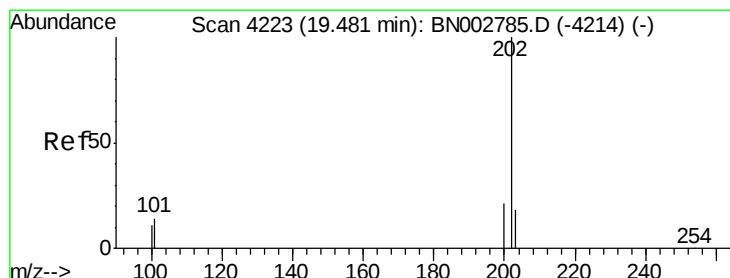
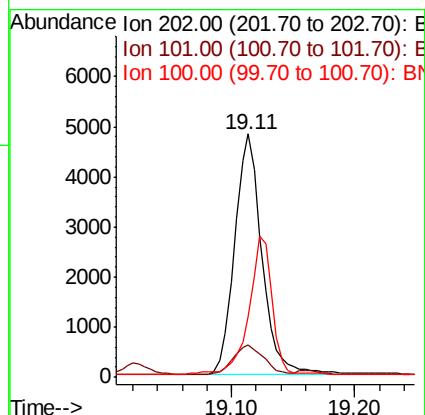
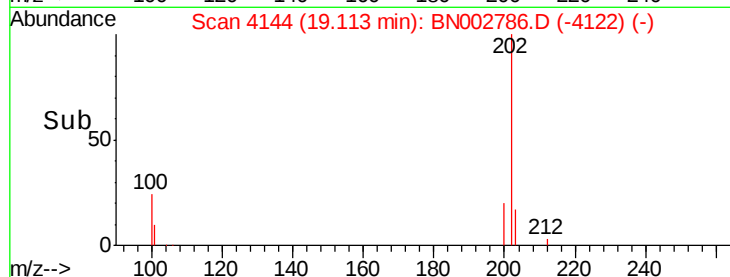
100 24.7 0.0 30.0



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: BN002786.D

Acq: 20 Sep 2018 10:54

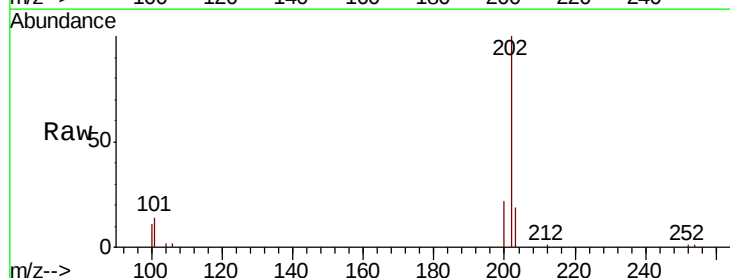
Tgt Ion:202 Resp: 7433

Ion Ratio Lower Upper

202 100

101 14.2 12.0 18.0

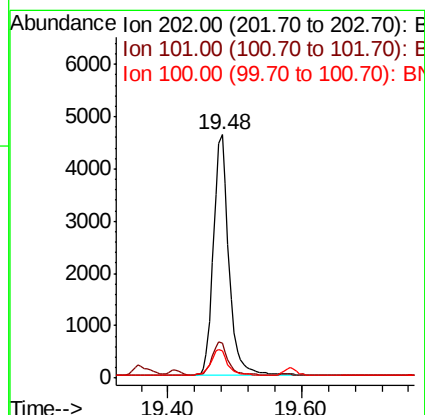
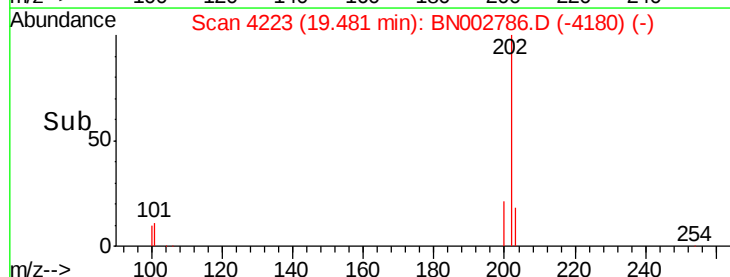
100 11.4 8.0 12.0

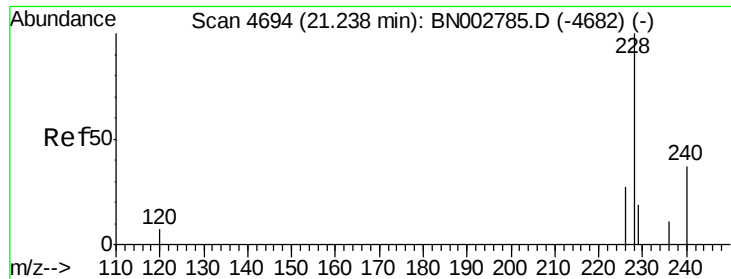


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.539 ng/ul

RT: 21.23 min Scan# 4693

Delta R.T. -0.00 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

Instrument :

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X2E01

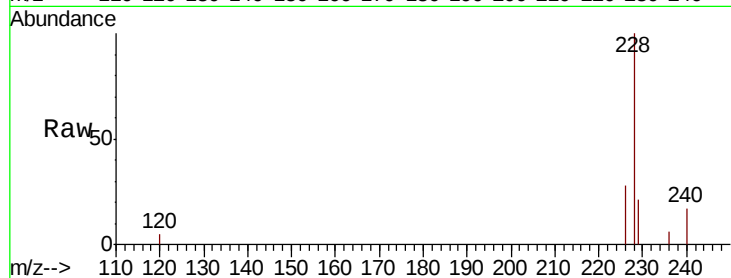
Tgt Ion:228 Resp: 7761

Ion Ratio Lower Upper

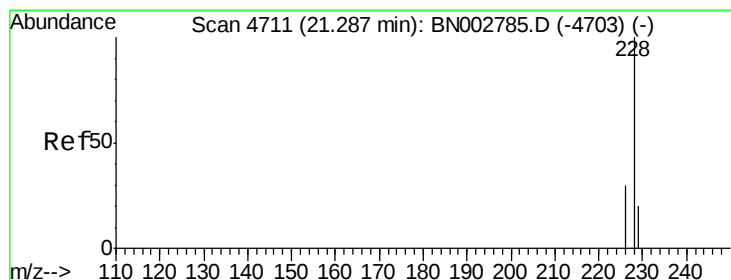
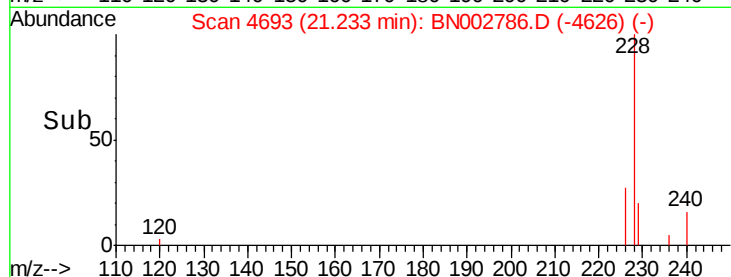
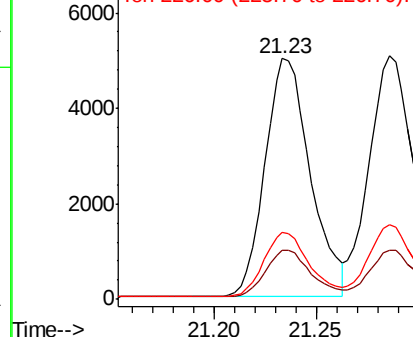
228 100

229 20.6 22.8 34.2#

226 27.7 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: 0.486 ng/ul

RT: 21.29 min Scan# 4711

Delta R.T. -0.00 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

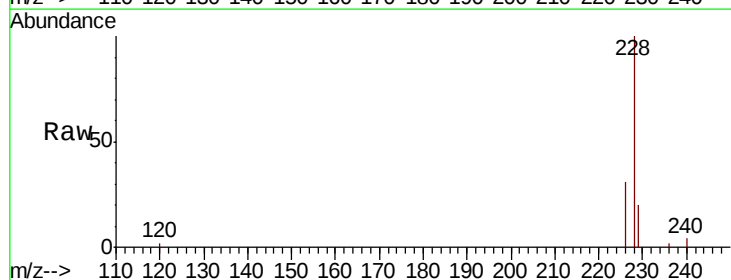
Tgt Ion:228 Resp: 8147

Ion Ratio Lower Upper

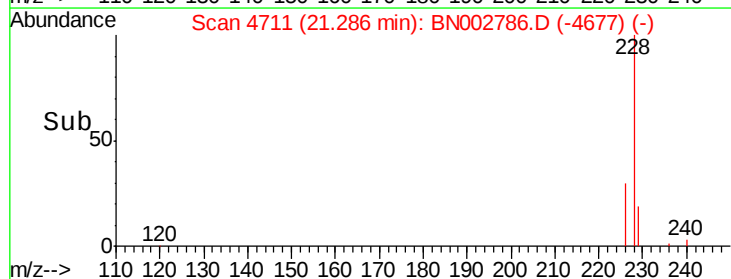
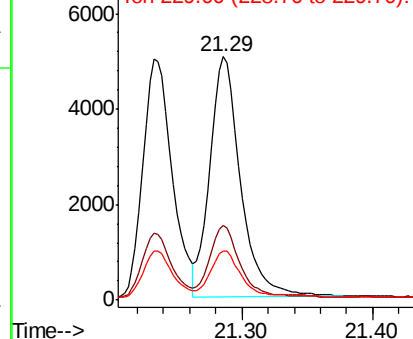
228 100

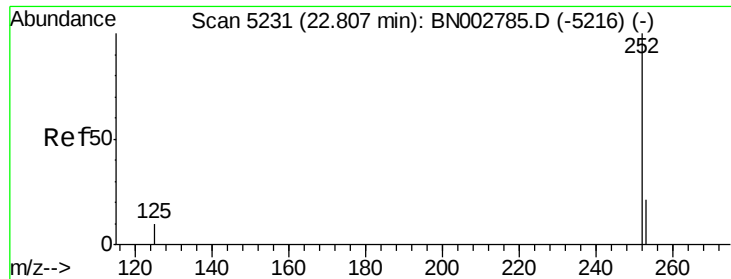
226 30.7 23.4 35.0

229 20.3 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: 0.631 ng/u1

RT: 22.81 min Scan# 5231

Delta R.T. -0.00 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

Instrument :

BNA_N

ClientSampleId :

X2E01

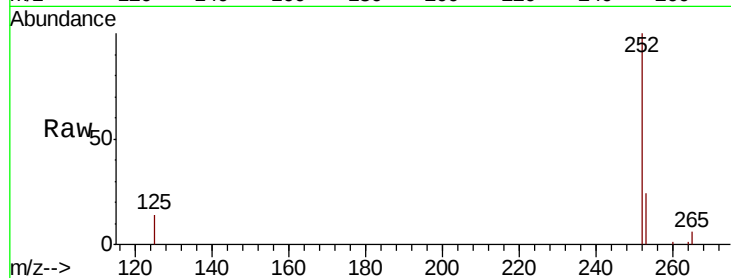
Tgt Ion:252 Resp: 10597

Ion Ratio Lower Upper

252 100

253 24.0 0.0 64.2

125 13.8 0.0 35.0

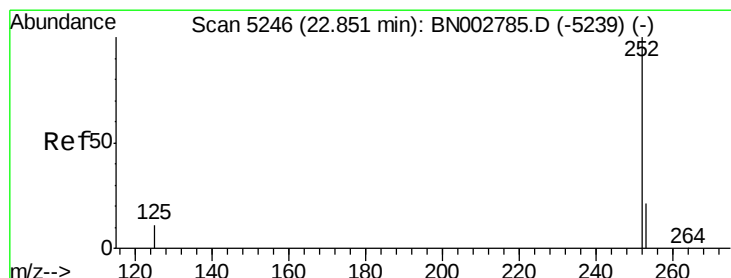
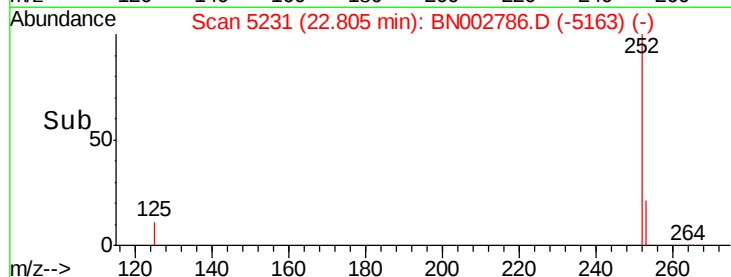
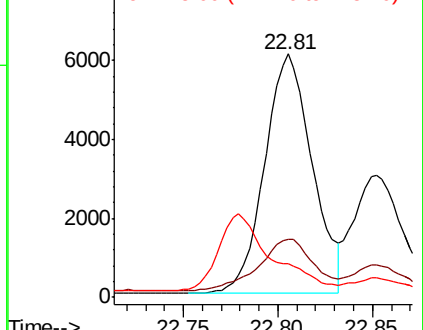


Abundance

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: 0.320 ng/u1

RT: 22.85 min Scan# 5247

Delta R.T. 0.00 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

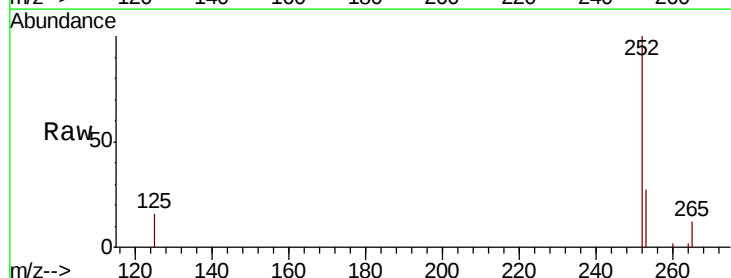
Tgt Ion:252 Resp: 5659

Ion Ratio Lower Upper

252 100

253 26.7 24.5 36.7

125 16.0 13.7 20.5

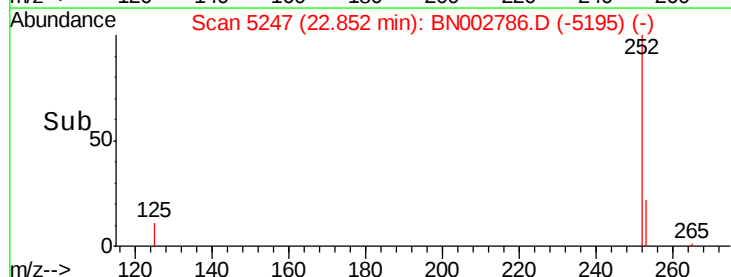
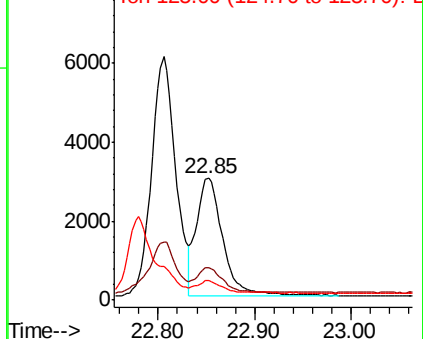


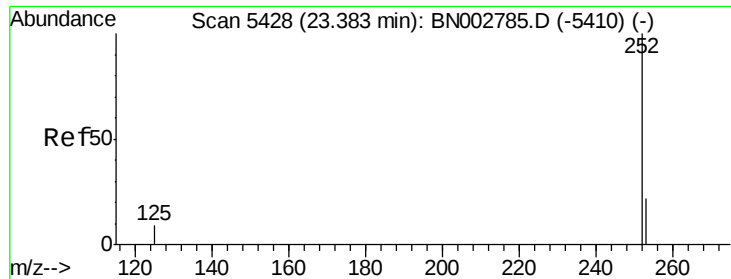
Abundance

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/u1

RT: 23.38 min Scan# 5427

Delta R.T. -0.00 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

Instrument :

BNA_N

ClientSampleId :

X2E01

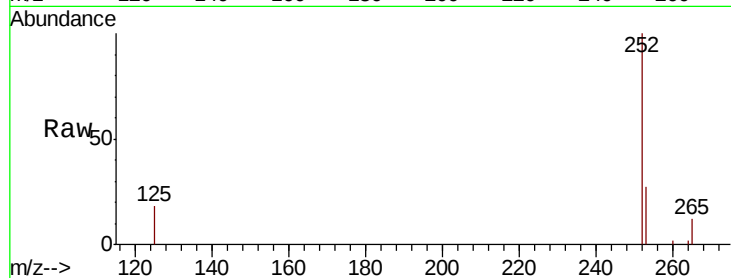
Tgt Ion:252 Resp: 6857

Ion Ratio Lower Upper

252 100

253 27.0 16.0 24.0#

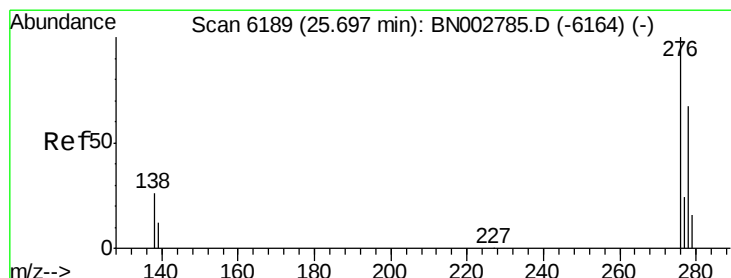
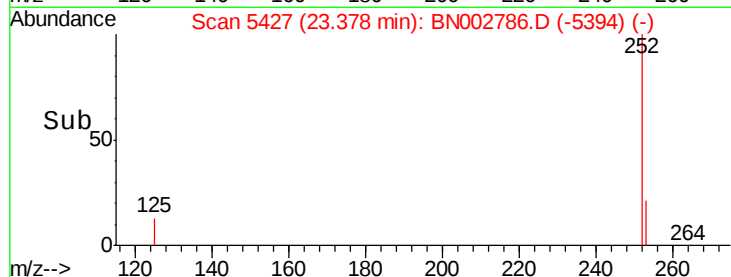
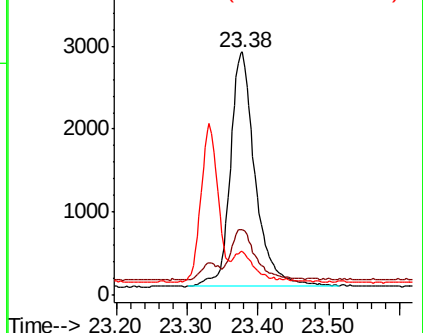
125 17.9 12.0 18.0



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: 0.151 ng/u1

RT: 25.69 min Scan# 6187

Delta R.T. -0.01 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

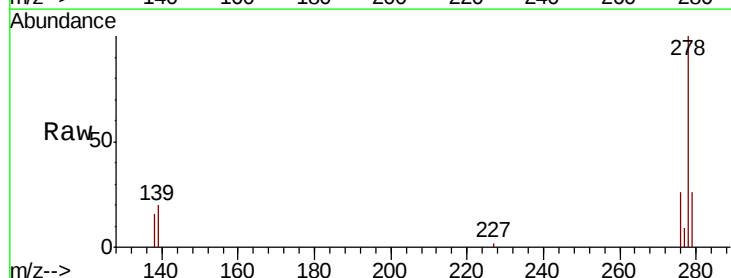
Tgt Ion:276 Resp: 2927

Ion Ratio Lower Upper

276 100

138 53.3 28.0 42.0#

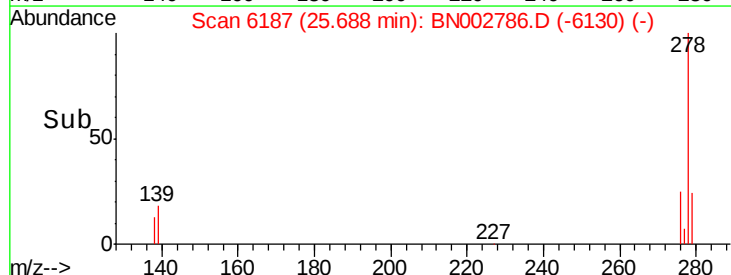
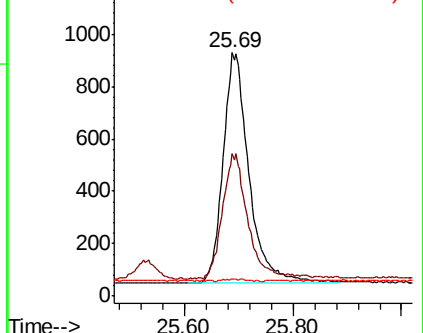
227 0.5 0.8 1.2#

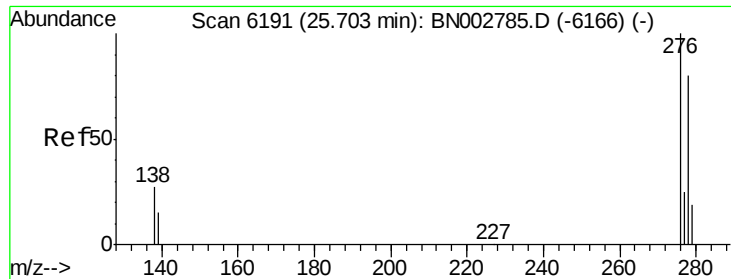


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.758 ng/u1

RT: 25.69 min Scan# 6189

Delta R.T. -0.01 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

Instrument :

BNA_N

ClientSampleId :

X2E01

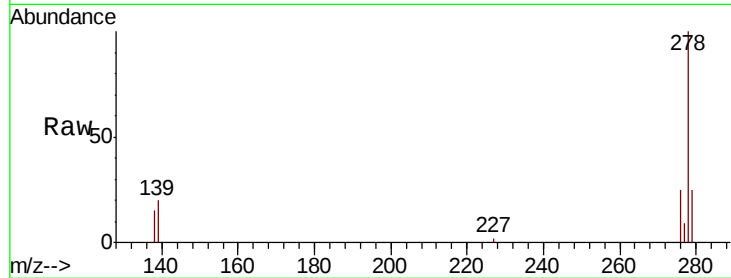
Tgt Ion:278 Resp: 11769

Ion Ratio Lower Upper

278 100

139 19.7 17.4 26.0

279 25.1 25.9 38.9#

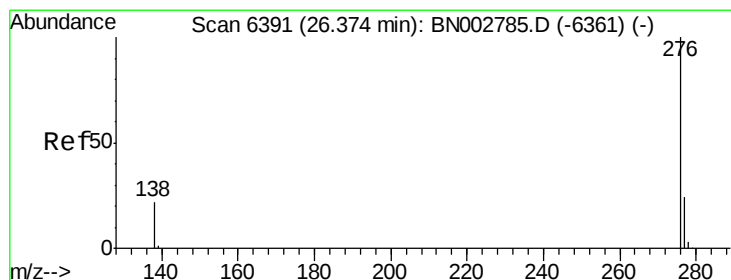
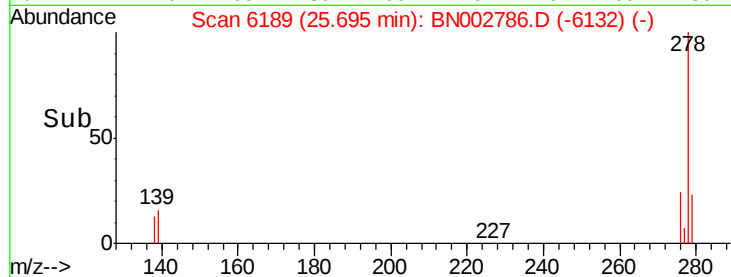
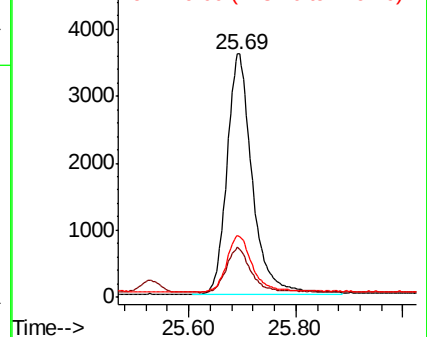


Abundance

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: 0.302 ng/u1

RT: 26.37 min Scan# 6391

Delta R.T. -0.00 min

Lab File: BN002786.D

Acq: 20 Sep 2018 10:54

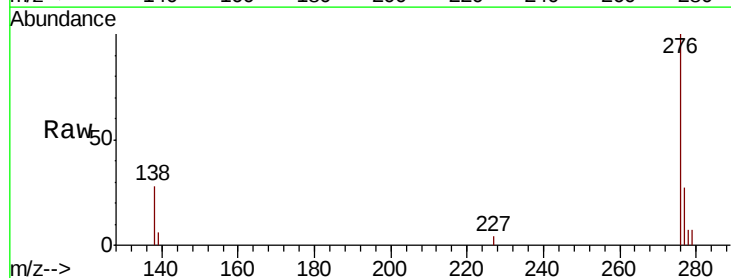
Tgt Ion:276 Resp: 5057

Ion Ratio Lower Upper

276 100

138 28.2 21.8 32.8

277 27.0 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

