

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002481.D
 Acq On : 24 Aug 2018 00:11
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 00:56:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration

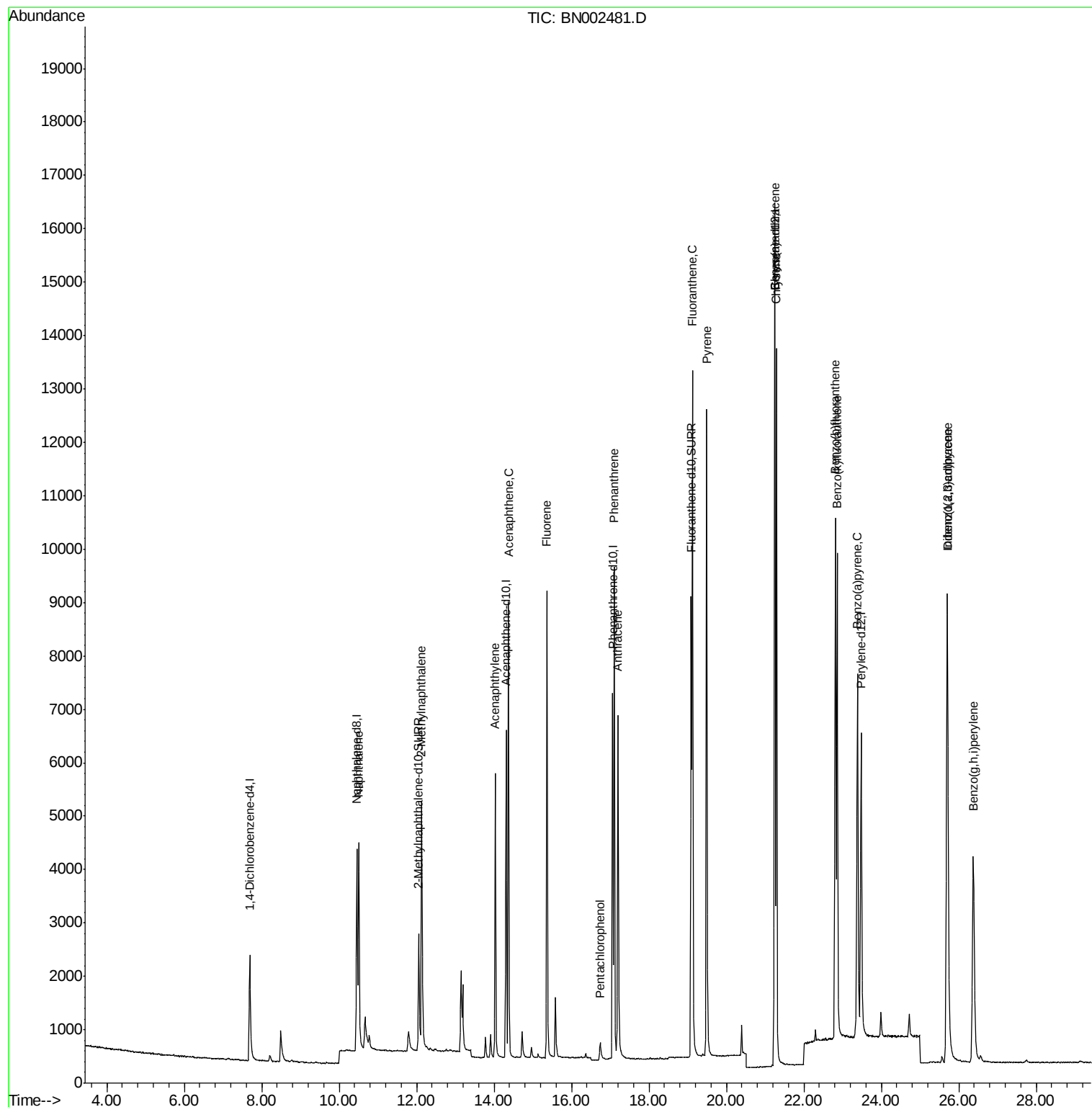
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	1473	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	6150	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3566	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	8758	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9264	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	8439	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	3956	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10671	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.50	128	6339	0.400	ng/ul#	96
5) 2-Methylnaphthalene	12.13	142	4447	0.403	ng/ul	100
7) Acenaphthylene	14.03	152	6844	0.410	ng/ul	97
8) Acenaphthene	14.37	153	5181	0.407	ng/ul	94
9) Fluorene	15.37	166	5937	0.407	ng/ul	92
11) Pentachlorophenol	16.74	266	461	0.390	ng/ul	97
12) Phenanthrene	17.10	178	10534	0.407	ng/ul#	89
13) Anthracene	17.20	178	9071	0.407	ng/ul#	92
15) Fluoranthene	19.12	202	12518	0.411	ng/ul	96
17) Pyrene	19.49	202	12215	0.387	ng/ul	97
18) Benzo(a)anthracene	21.24	228	11435	0.413	ng/ul#	85
19) Chrysene	21.29	228	12641	0.404	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	12882	0.425	ng/ul	87
22) Benzo(k)fluoranthene	22.86	252	12740	0.407	ng/ul#	87
23) Benzo(a)pyrene	23.38	252	11891	0.417	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.70	276	11525	0.388	ng/ul#	85
25) Dibenzo(a,h)anthracene	25.71	278	9093	0.388	ng/ul#	90
26) Benzo(g,h,i)perylene	26.38	276	9550	0.375	ng/ul	97

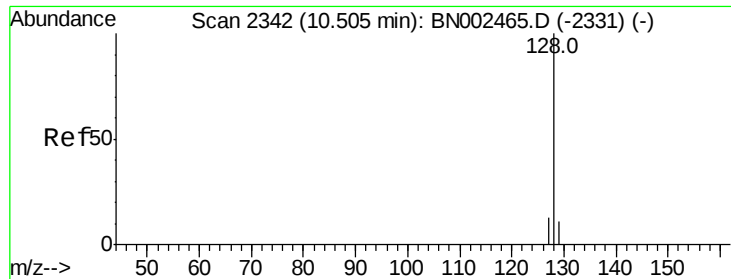
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.400 ng/ul

RT: 10.50 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BN002481.D

Acq: 24 Aug 2018 00:11

Instrument :

BNA_N

ClientSampleId :

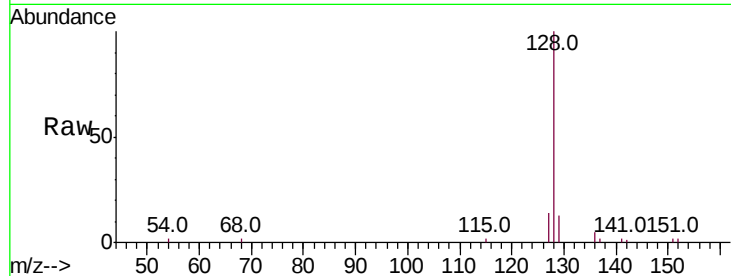
Tot Ion:128 Resp: 6339

Ion Ratio Lower Upper

128 100

129 12.5 8.0 12.0#

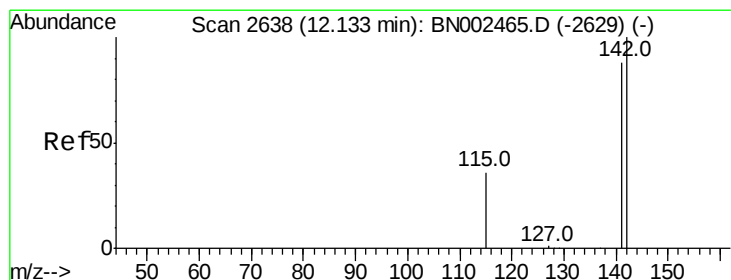
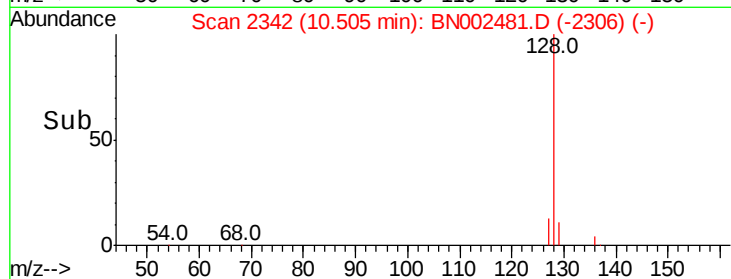
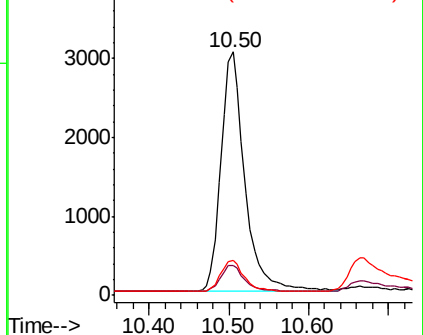
127 14.1 12.0 18.0



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: 0.403 ng/ul

RT: 12.13 min Scan# 2637

Delta R.T. -0.01 min

Lab File: BN002481.D

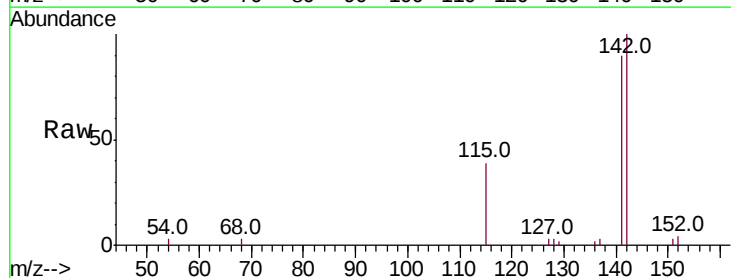
Acq: 24 Aug 2018 00:11

Tgt Ion:142 Resp: 4447

Ion Ratio Lower Upper

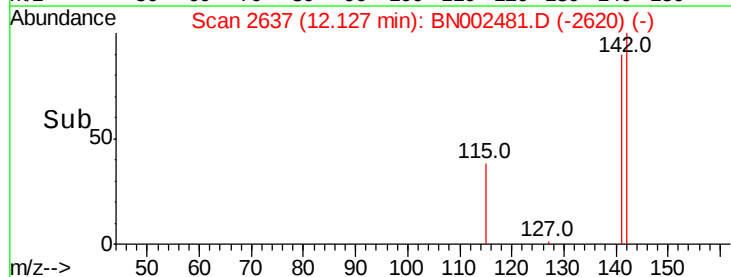
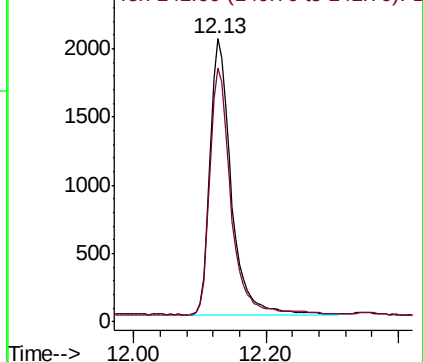
142 100

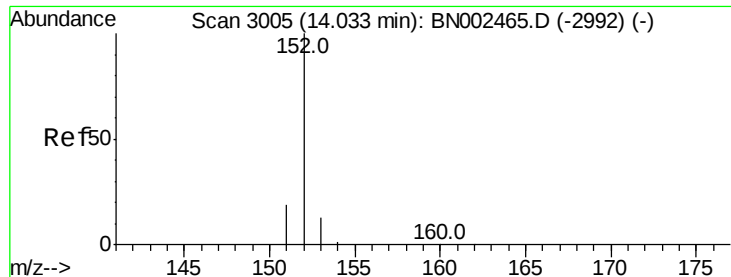
141 91.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.410 ng/ul

RT: 14.03 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BN002481.D

Acq: 24 Aug 2018 00:11

Instrument :

BNA_N

ClientSampleId :

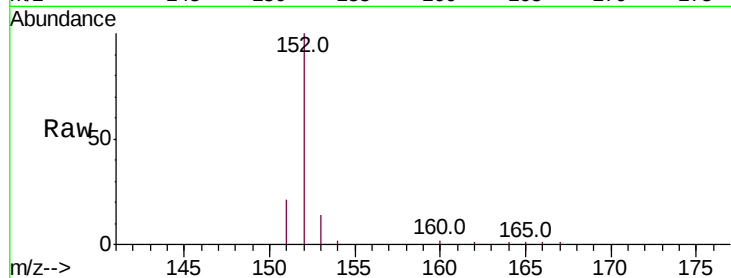
Tot Ion:152 Resp: 6844

Ion Ratio Lower Upper

152 100

151 20.7 17.1 25.7

153 13.8 12.8 19.2



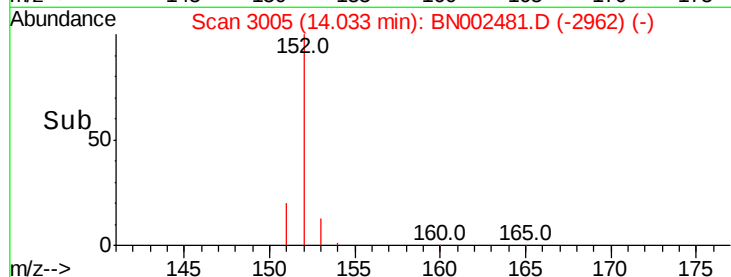
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

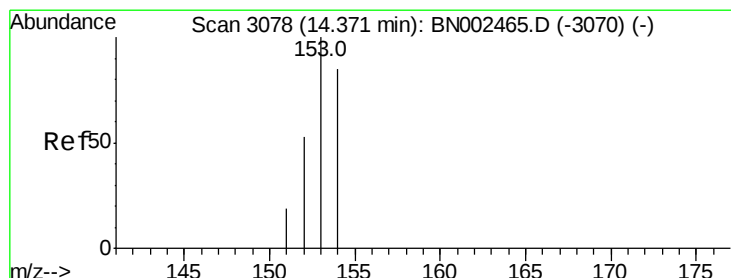
14.03

Time-->



14.03

Time-->



#8

Acenaphthene

Concen: 0.407 ng/ul

RT: 14.37 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BN002481.D

Acq: 24 Aug 2018 00:11

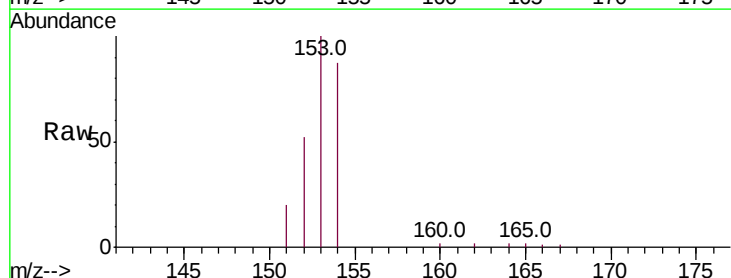
Tgt Ion:153 Resp: 5181

Ion Ratio Lower Upper

153 100

152 52.2 36.0 54.0

154 87.2 72.0 108.0



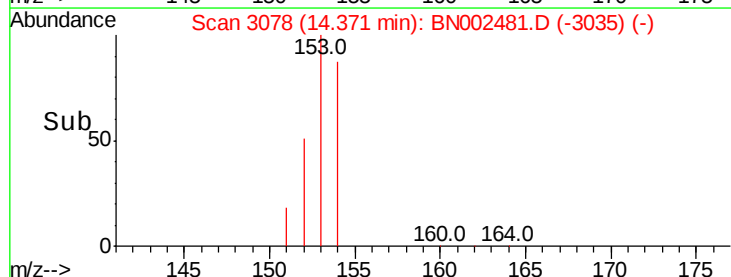
Abundance Ion 153.00 (152.70 to 153.70): E

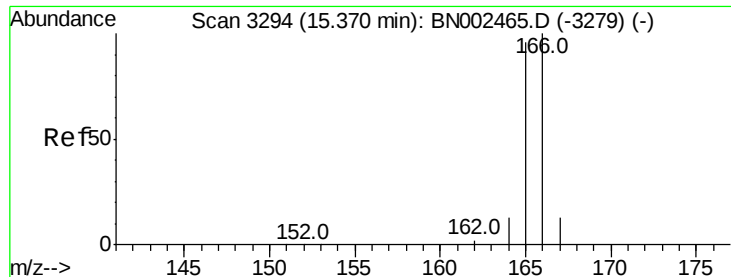
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.37

Time-->



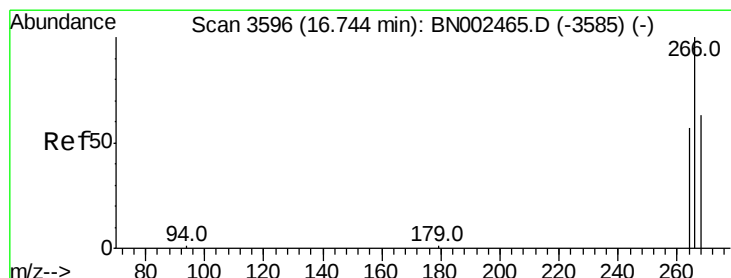
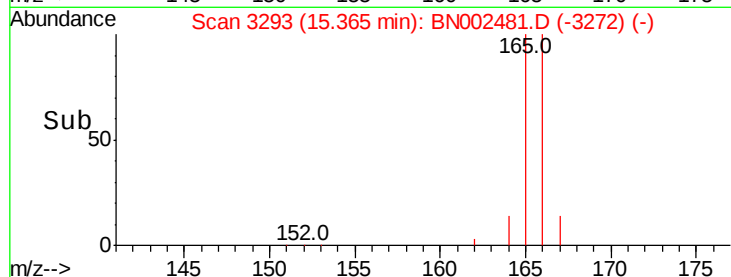
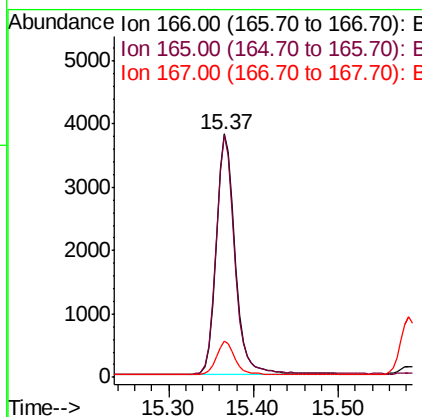
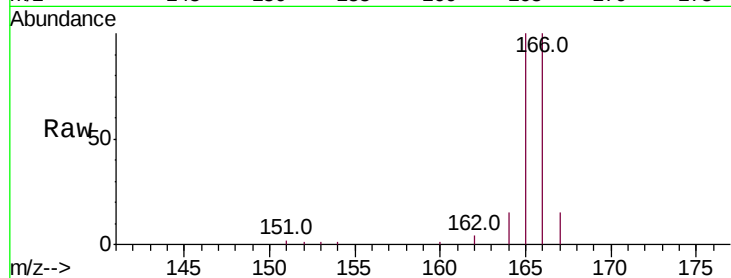


#9
Fluorene
 Concen: 0.407 ng/ul
 RT: 15.37 min Scan# 3293
 Delta R.T. -0.00 min
 Lab File: BN002481.D
 Acq: 24 Aug 2018 00:11

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 5937

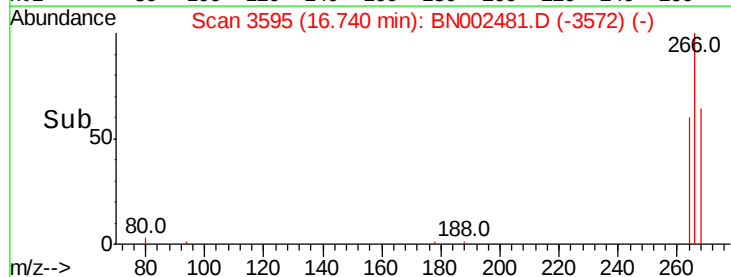
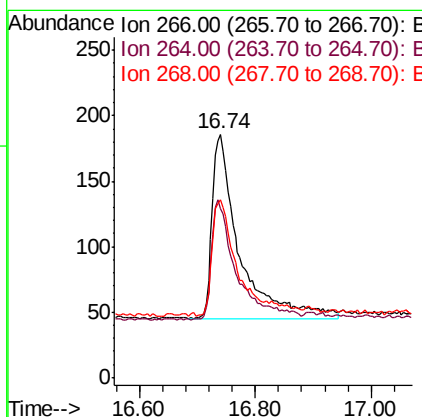
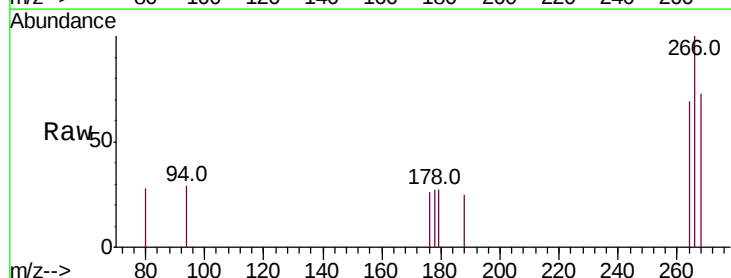
Ion	Ratio	Lower	Upper
166	100		
165	99.6	73.4	110.2
167	14.8	14.6	22.0

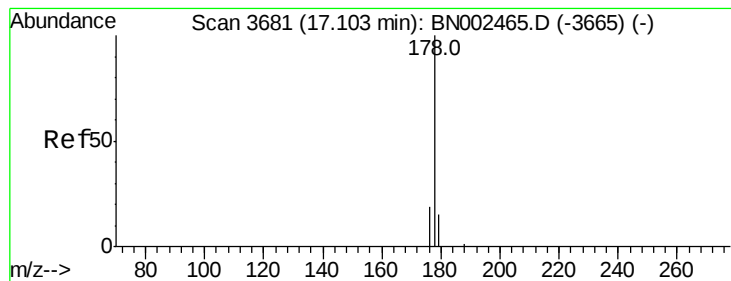


#11
Pentachlorophenol
 Concen: 0.390 ng/ul
 RT: 16.74 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: BN002481.D
 Acq: 24 Aug 2018 00:11

Tgt Ion:266 Resp: 461

Ion	Ratio	Lower	Upper
266	100		
264	59.9	47.9	71.9
268	58.1	49.8	74.8





#12

Phenanthrene

Concen: 0.407 ng/ul

RT: 17.10 min Scan# 3681

Delta R.T. 0.00 min

Lab File: BN002481.D

Acq: 24 Aug 2018 00:11

Instrument :

BNA_N

ClientSampleId :

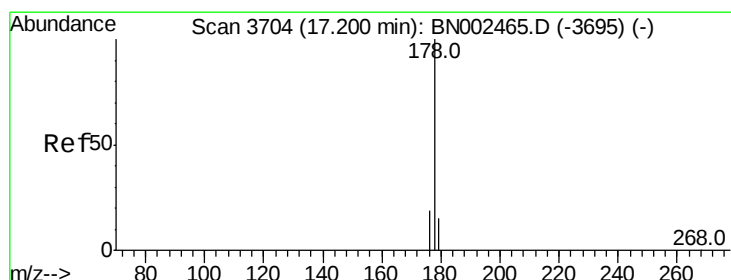
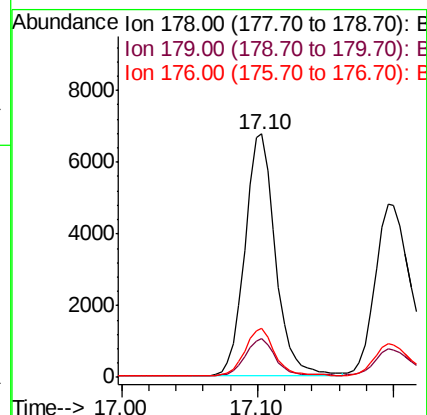
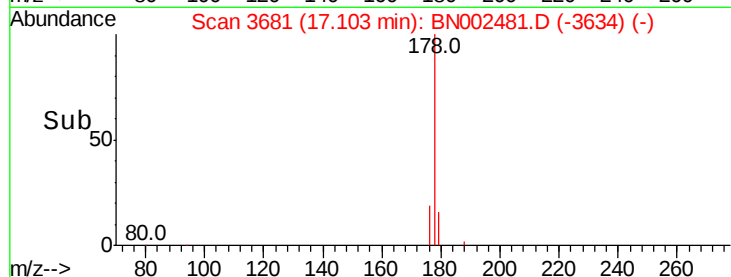
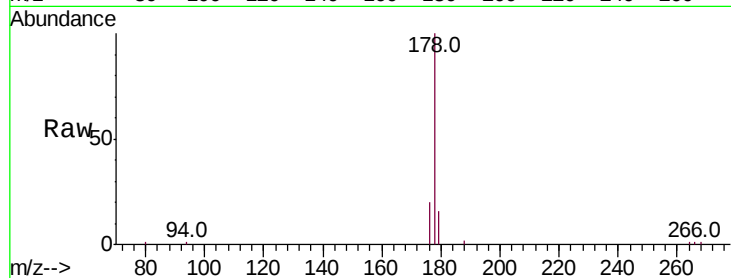
Tot Ion:178 Resp: 10534

Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 19.9 13.6 20.4



#13

Anthracene

Concen: 0.407 ng/ul

RT: 17.20 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BN002481.D

Acq: 24 Aug 2018 00:11

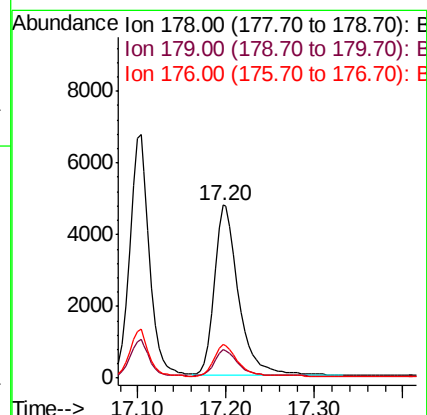
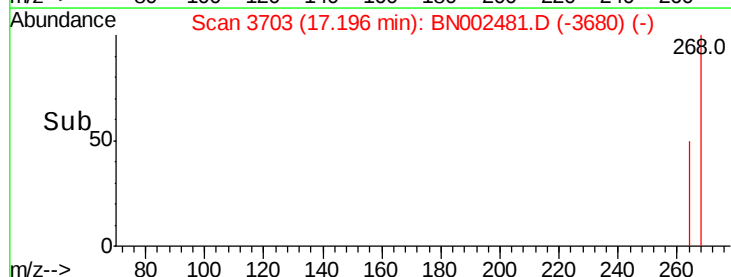
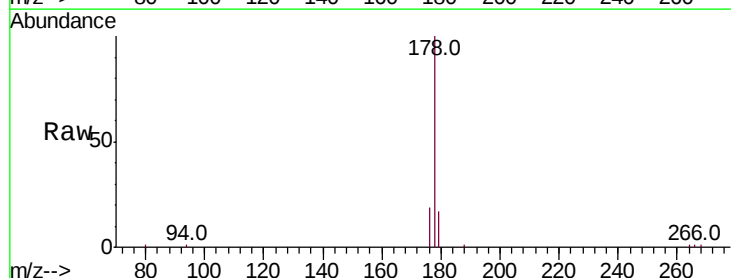
Tgt Ion:178 Resp: 9071

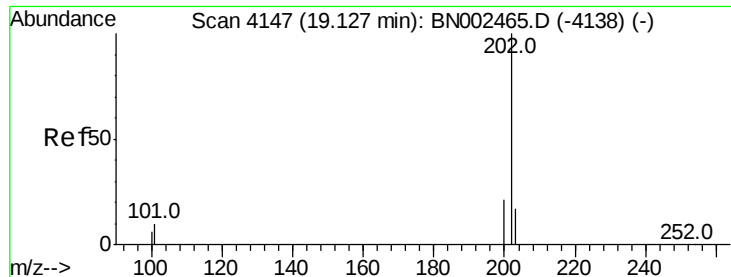
Ion Ratio Lower Upper

178 100

179 16.5 18.1 27.1#

176 19.5 14.7 22.1

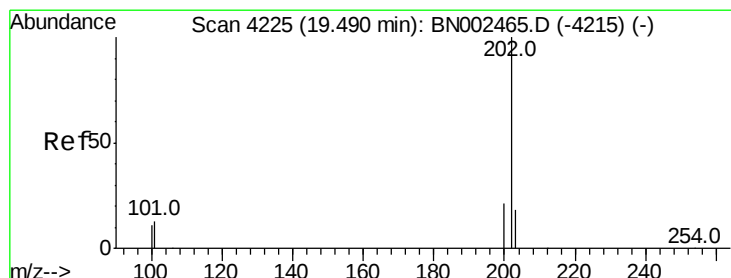
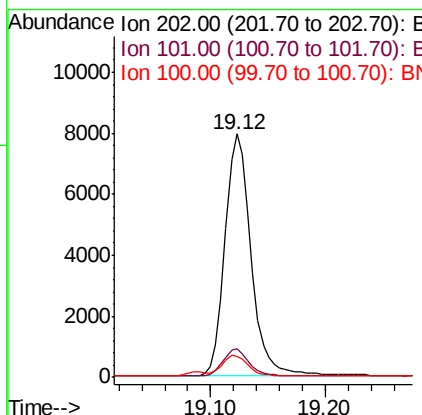
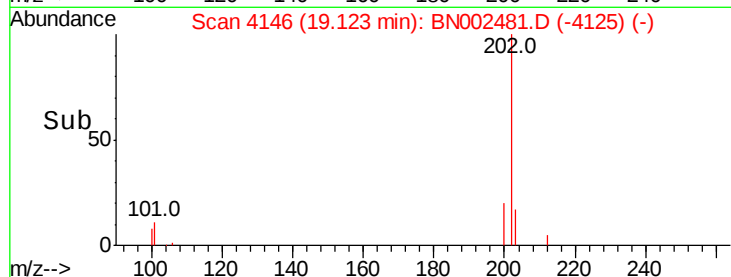
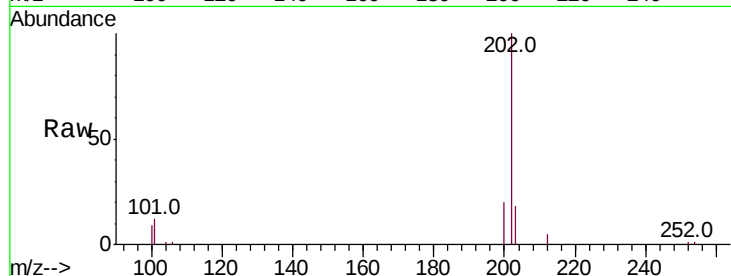




#15
Fluoranthene
 Concen: 0.411 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN002481.D
 Acq: 24 Aug 2018 00:11

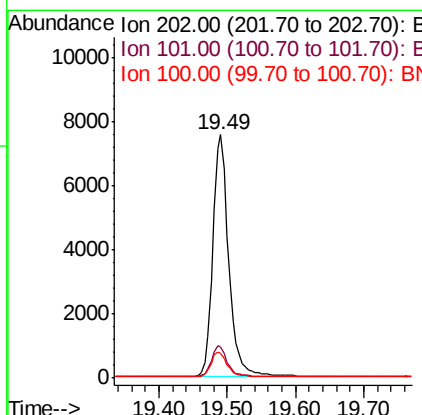
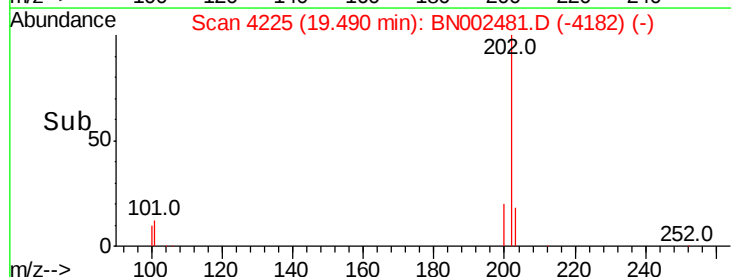
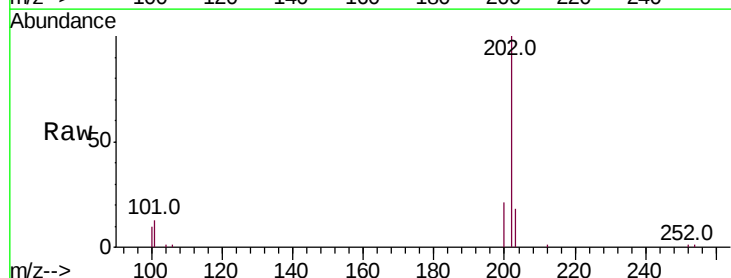
Instrument :
 BNA_N
 ClientSampleId :

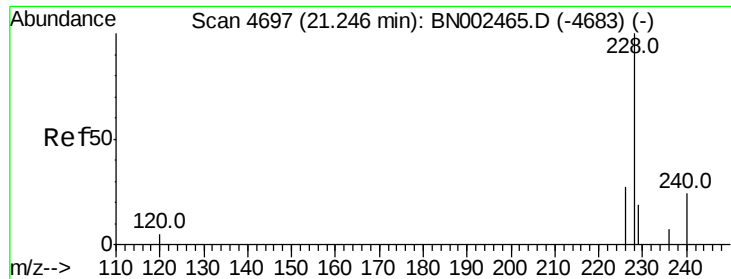
Tot Ion:202 Resp: 12518
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 30.0
 100 8.6 0.0 30.0



#17
Pyrene
 Concen: 0.387 ng/ul
 RT: 19.49 min Scan# 4225
 Delta R.T. 0.00 min
 Lab File: BN002481.D
 Acq: 24 Aug 2018 00:11

Tgt Ion:202 Resp: 12215
 Ion Ratio Lower Upper
 202 100
 101 12.9 12.0 18.0
 100 10.4 8.0 12.0





#18

Benzo(a)anthracene

Concen: 0.413 ng/ul

RT: 21.24 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN002481.D

Acq: 24 Aug 2018 00:11

Instrument :

BNA_N

ClientSampleId :

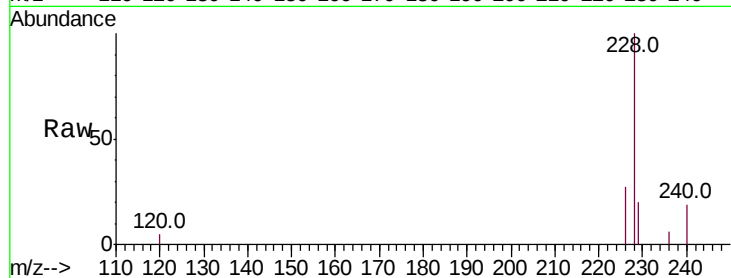
Tot Ion:228 Resp: 11435

Ion Ratio Lower Upper

228 100

229 19.6 22.8 34.2#

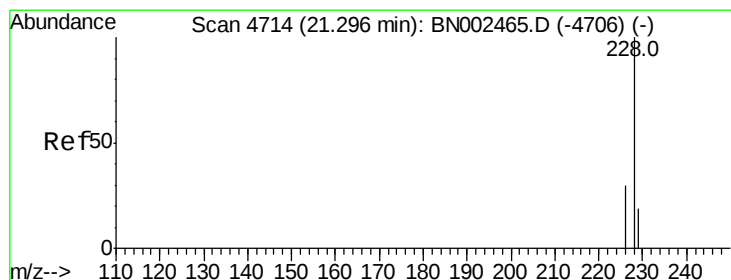
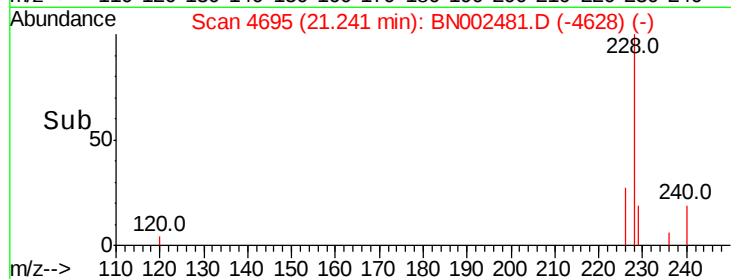
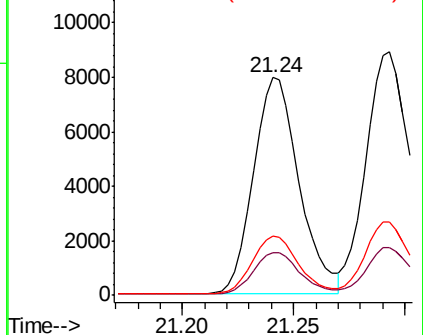
226 27.4 17.0 25.6#



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: 0.404 ng/ul

RT: 21.29 min Scan# 4713

Delta R.T. -0.00 min

Lab File: BN002481.D

Acq: 24 Aug 2018 00:11

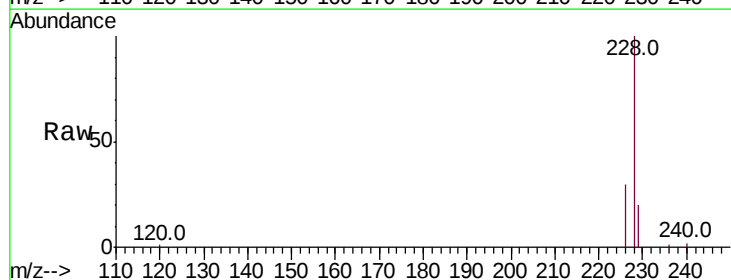
Tgt Ion:228 Resp: 12641

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

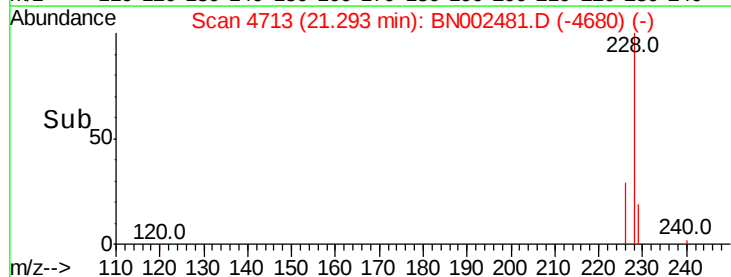
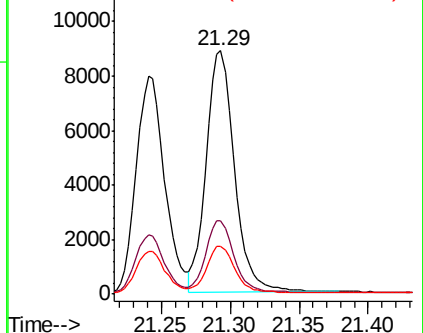
229 19.7 17.7 26.5

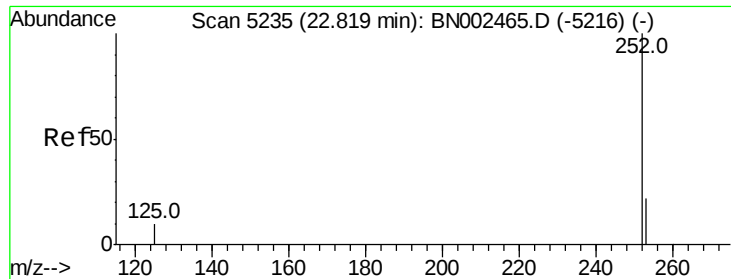


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

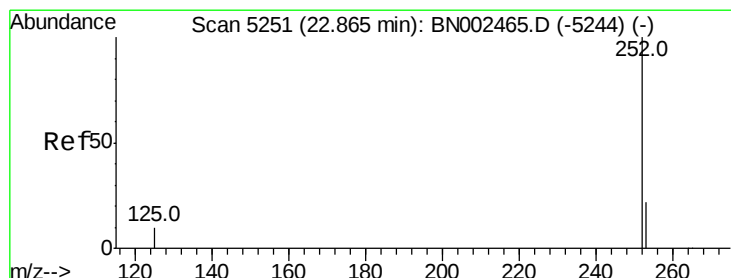
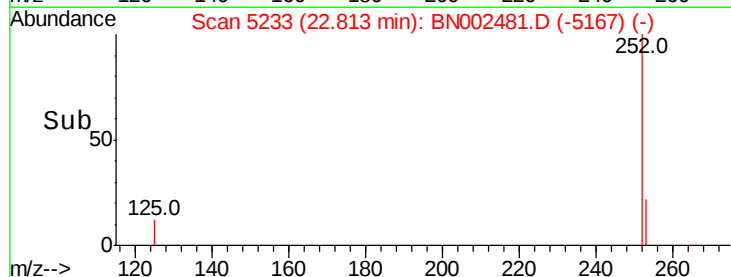
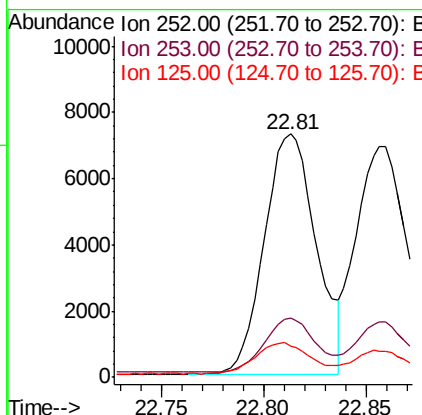
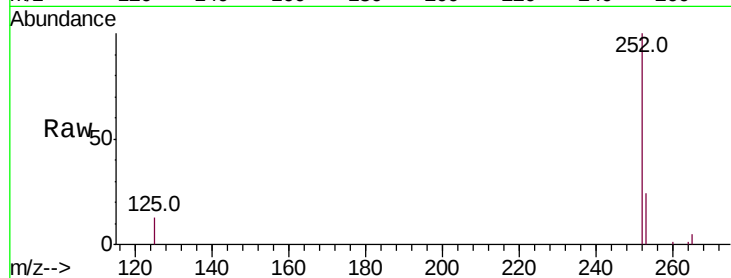




#21
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 22.81 min Scan# 5233
Delta R.T. -0.01 min
Lab File: BN002481.D
Acq: 24 Aug 2018 00:11

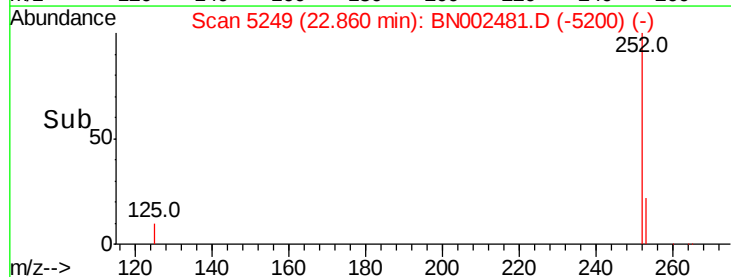
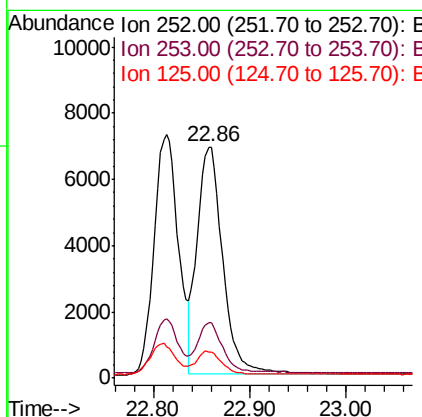
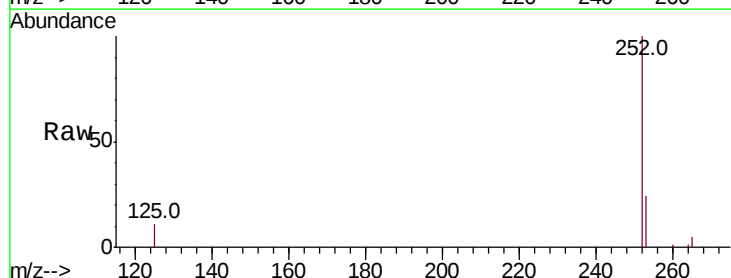
Instrument :
BNA_N
ClientSampleId :

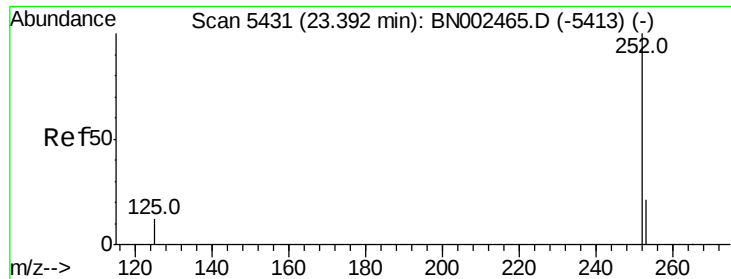
Tot Ion:252 Resp: 12882
Ion Ratio Lower Upper
252 100
253 24.3 0.0 64.2
125 13.0 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 22.86 min Scan# 5249
Delta R.T. -0.01 min
Lab File: BN002481.D
Acq: 24 Aug 2018 00:11

Tgt Ion:252 Resp: 12740
Ion Ratio Lower Upper
252 100
253 23.9 24.5 36.7#
125 11.1 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.417 ng/ul

RT: 23.38 min Scan# 5428

Delta R.T. -0.01 min

Lab File: BN002481.D

Acq: 24 Aug 2018 00:11

Instrument :

BNA_N

ClientSampleId :

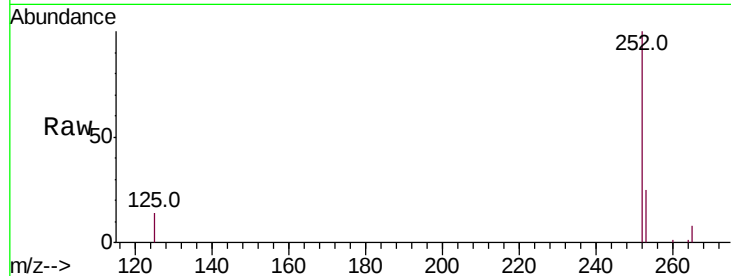
Tot Ion:252 Resp: 11891

Ion Ratio Lower Upper

252 100

253 24.7 16.0 24.0#

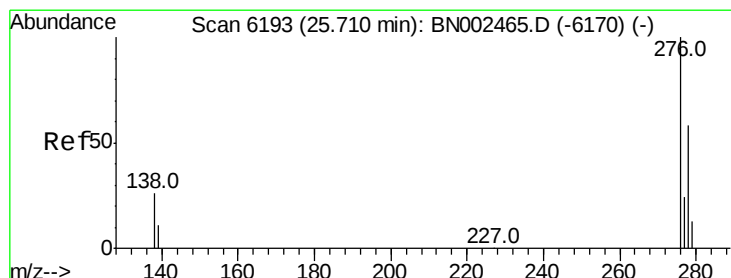
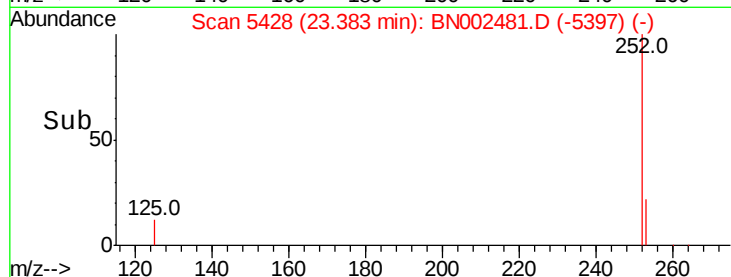
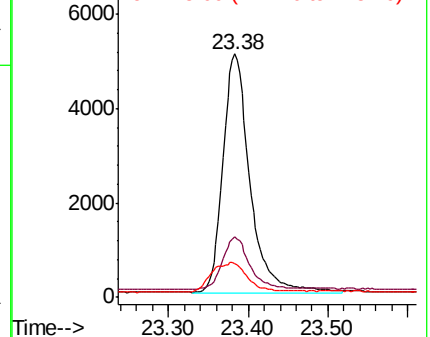
125 14.0 12.0 18.0



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: 0.388 ng/ul

RT: 25.70 min Scan# 6189

Delta R.T. -0.01 min

Lab File: BN002481.D

Acq: 24 Aug 2018 00:11

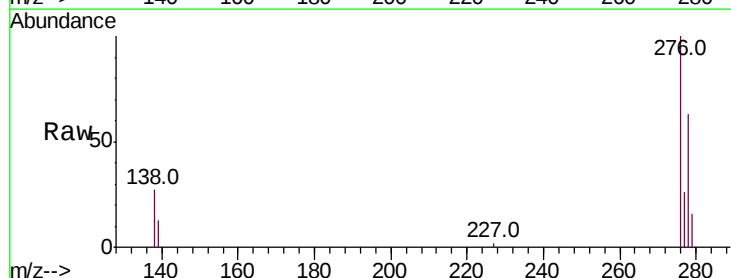
Tgt Ion:276 Resp: 11525

Ion Ratio Lower Upper

276 100

138 26.4 28.0 42.0#

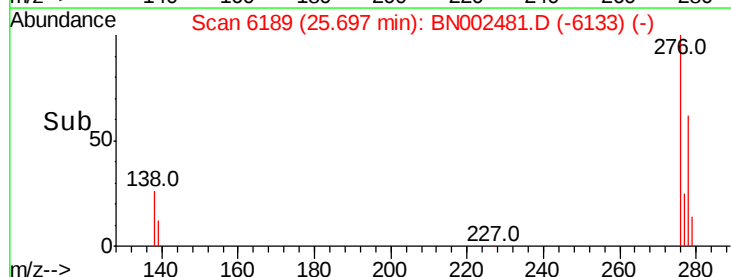
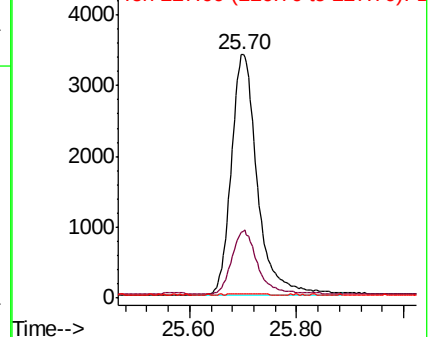
227 0.1 0.8 1.2#

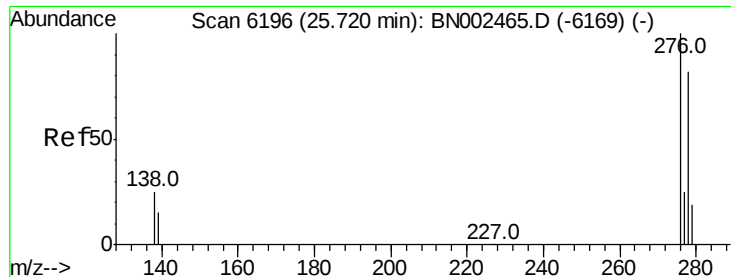


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.388 ng/ul

RT: 25.71 min Scan# 6192

Delta R.T. -0.01 min

Lab File: BN002481.D

Acq: 24 Aug 2018 00:11

Instrument :

BNA_N

ClientSampleId :

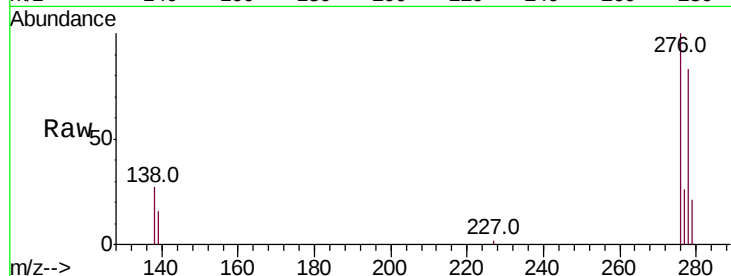
Tot Ion:278 Resp: 9093

Ion Ratio Lower Upper

278 100

139 19.7 17.4 26.0

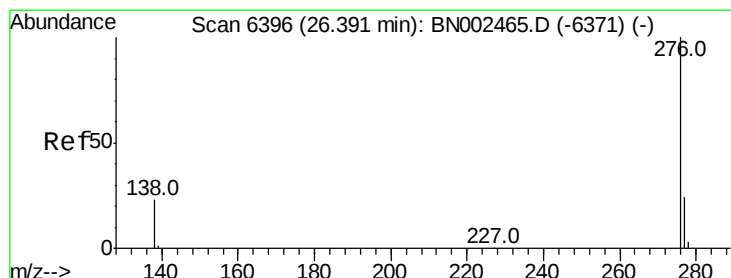
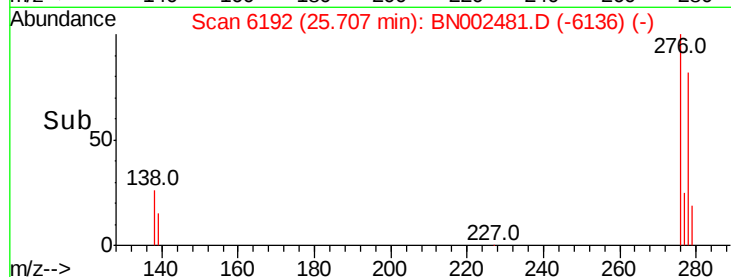
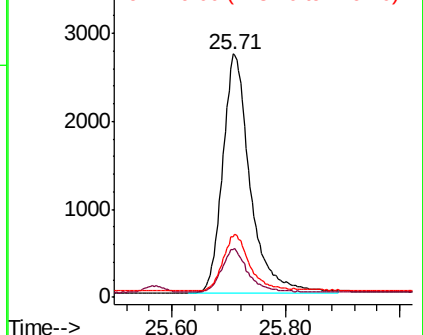
279 25.1 25.9 38.9#



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: 0.375 ng/ul

RT: 26.38 min Scan# 6392

Delta R.T. -0.01 min

Lab File: BN002481.D

Acq: 24 Aug 2018 00:11

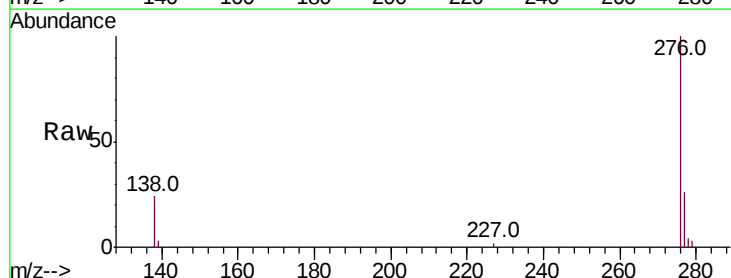
Tgt Ion:276 Resp: 9550

Ion Ratio Lower Upper

276 100

138 24.0 21.8 32.8

277 25.8 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

