

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 13 04:57:27 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 : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration

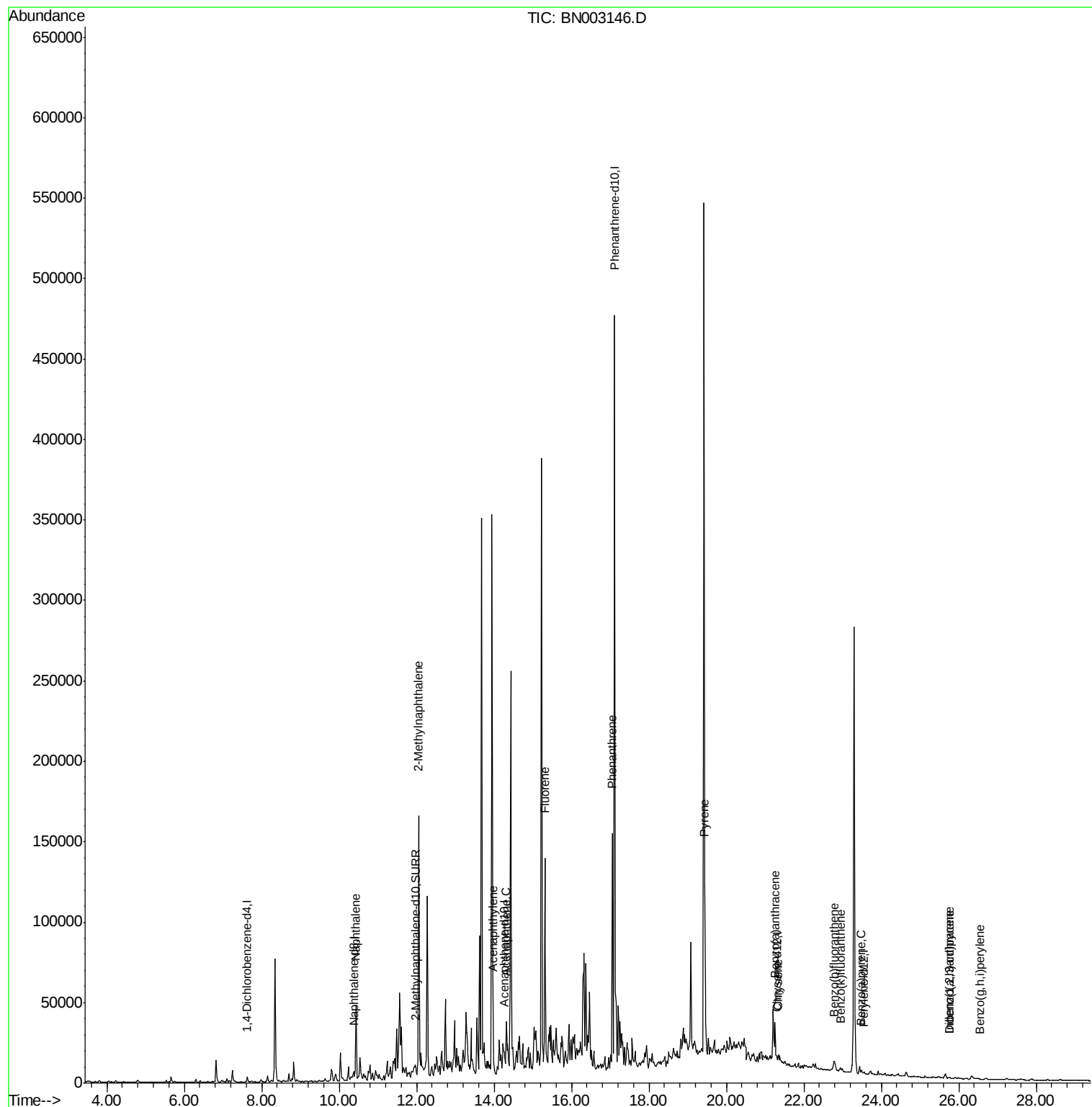
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1748	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.38	136	7131	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	6141	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.11	188	511878	0.40	ng/ul	0.08
16) Chrysene-d12	21.31	240	1524	0.40	ng/ul	0.07
20) Perylene-d12	23.56	264	291	0.40	ng/ul	0.11
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3500	0.32	ng/ul	-0.04
14) Fluoranthene-d10	19.16	212	16006	0.01	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	58966	3.222	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	120263	9.547	ng/ul	97
7) Acenaphthylene	13.98	152	10725	0.382	ng/ul#	53
8) Acenaphthene	14.32	153	15744	0.738	ng/ul	95
9) Fluorene	15.31	166	79785	3.267	ng/ul	99
12) Phenanthrene	17.06	178	155875	0.109	ng/ul	97
17) Pyrene	19.45	202	88151	14.893	ng/ul	98
18) Benzo(a)anthracene	21.26	228	21809	4.447	ng/ul#	66
19) Chrysene	21.34	228	691	0.139	ng/ul#	1
21) Benzo(b)fluoranthene	22.78	252	12092	11.538	ng/ul	63
22) Benzo(k)fluoranthene	22.95	252	2580	2.375	ng/ul#	16
23) Benzo(a)pyrene	23.48	252	2434	2.592	ng/ul#	12
24) Indeno(1,2,3-cd)pyrene	25.75	276	234	0.217	ng/ul#	49
25) Dibenzo(a,h)anthracene	25.75	278	559	0.647	ng/ul#	1
26) Benzo(g,h,i)perylene	26.55	276	243	0.267	ng/ul#	1

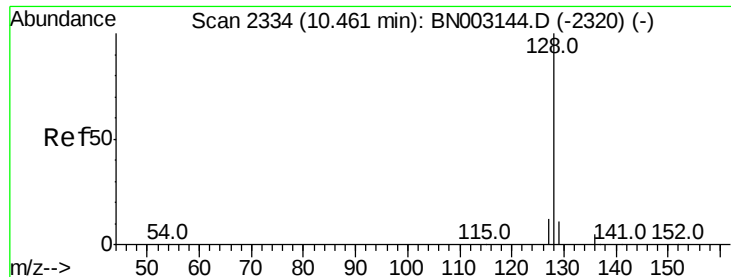
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.222 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.03 min

Lab File: BN003146.D

Acq: 12 Oct 2018 19:15

Instrument :

BNA_N

ClientSampleId :

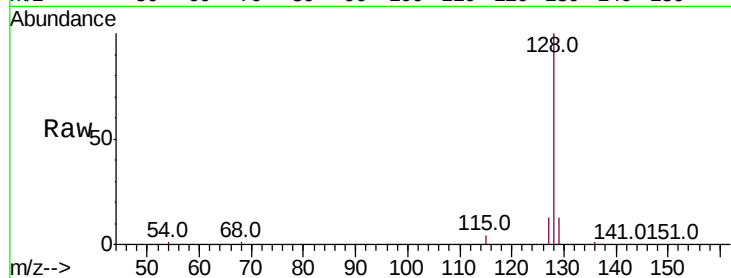
Tot Ion:128 Resp: 58966

Ion Ratio Lower Upper

128 100

129 12.8 10.4 15.6

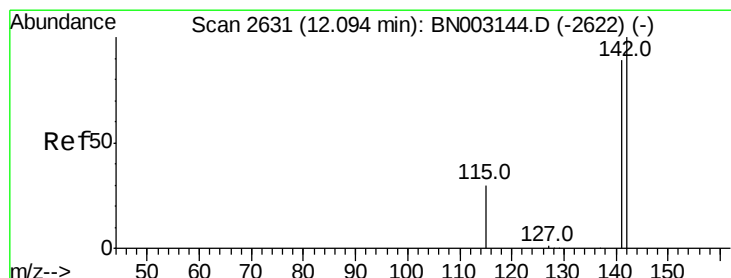
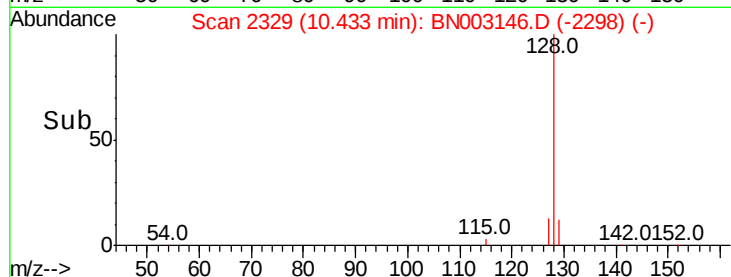
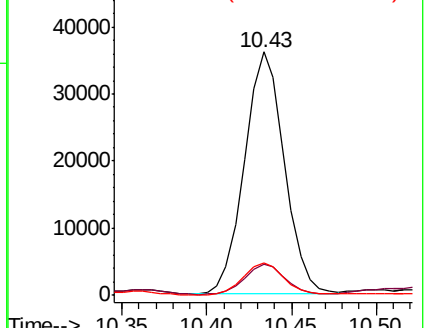
127 13.4 11.7 17.5



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: 9.547 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.04 min

Lab File: BN003146.D

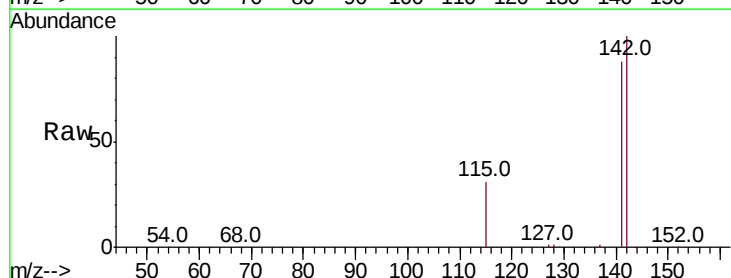
Acq: 12 Oct 2018 19:15

Tgt Ion:142 Resp: 120263

Ion Ratio Lower Upper

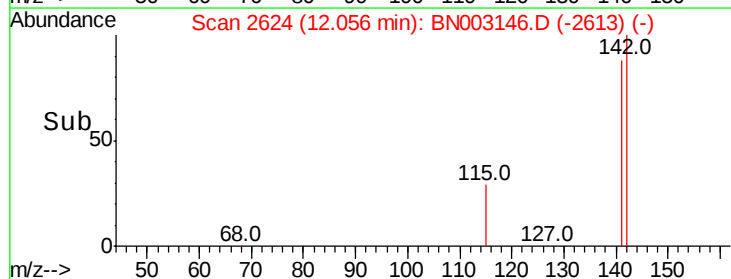
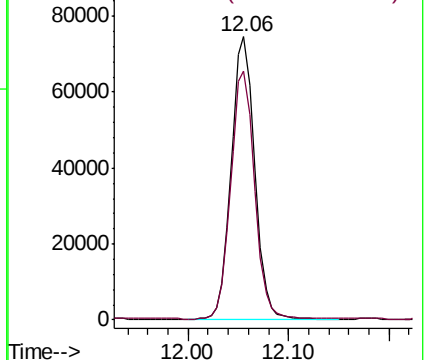
142 100

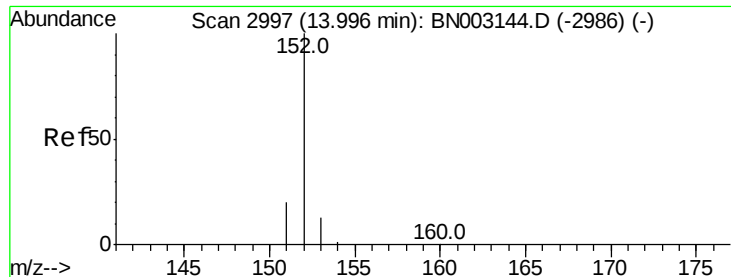
141 89.3 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.382 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.02 min

Lab File: BN003146.D

Acq: 12 Oct 2018 19:15

Instrument :

BNA_N

ClientSampled :

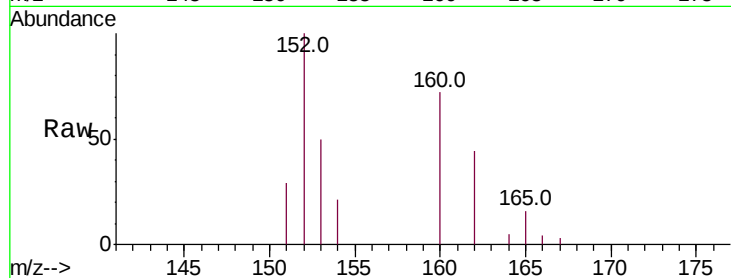
Tot Ion:152 Resp: 10725

Ion Ratio Lower Upper

152 100

151 29.5 16.5 24.7#

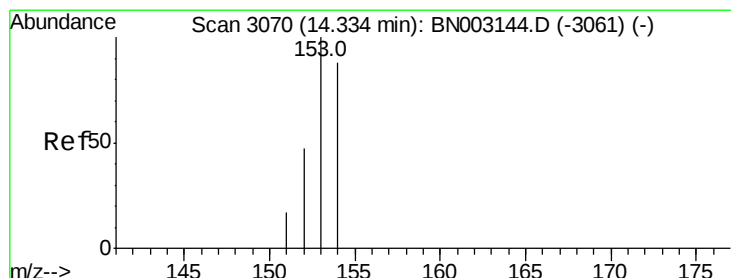
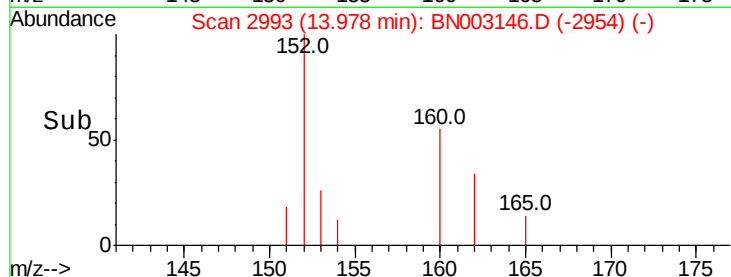
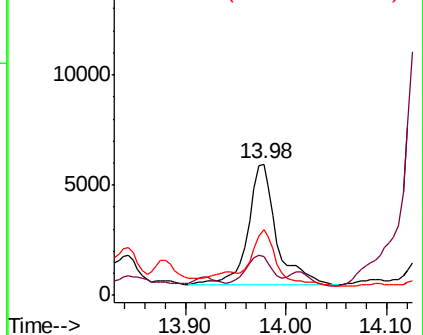
153 50.4 11.4 17.2#



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: 0.738 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN003146.D

Acq: 12 Oct 2018 19:15

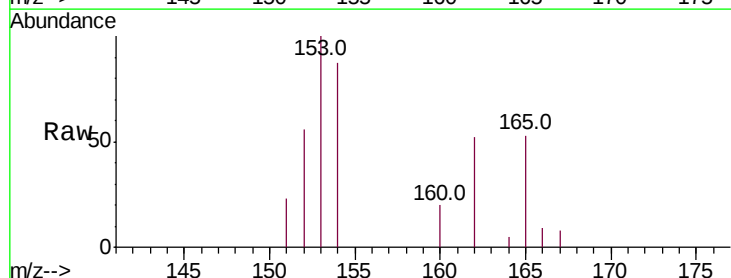
Tgt Ion:153 Resp: 15744

Ion Ratio Lower Upper

153 100

152 56.2 38.2 57.4

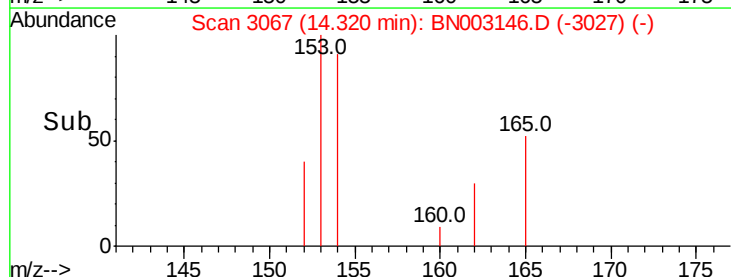
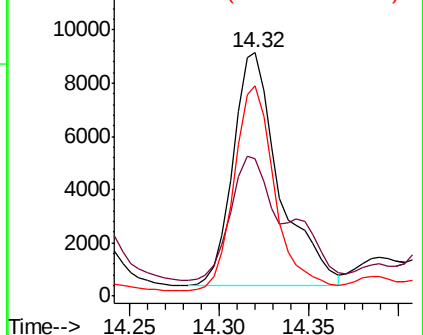
154 86.6 70.2 105.2

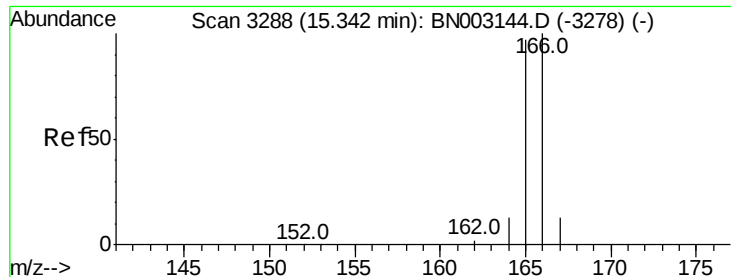


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 3.267 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.03 min

Lab File: BN003146.D

Acq: 12 Oct 2018 19:15

Instrument :

BNA_N

ClientSampleId :

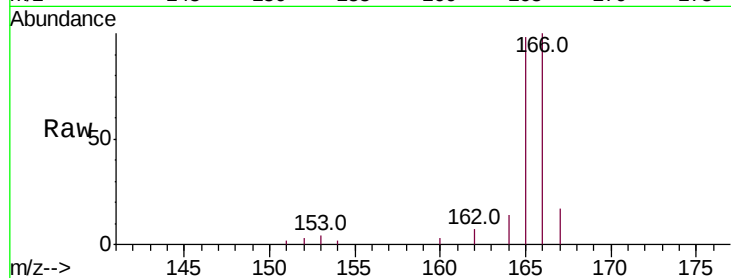
Tot Ion:166 Resp: 79785

Ion Ratio Lower Upper

166 100

165 98.2 78.5 117.7

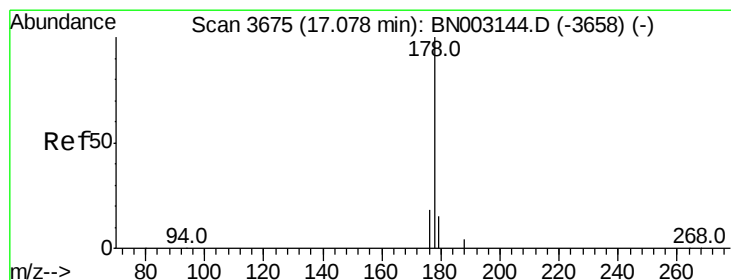
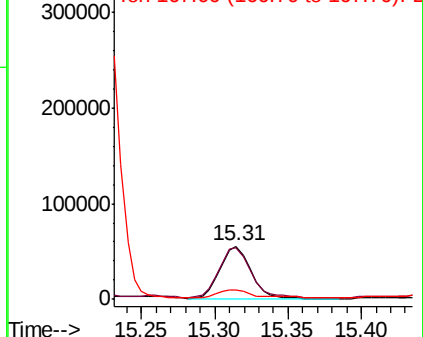
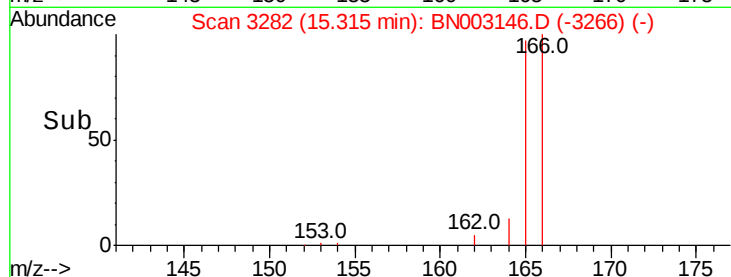
167 17.2 11.6 17.4



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



#12

Phenanthrene

Concen: 0.109 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003146.D

Acq: 12 Oct 2018 19:15

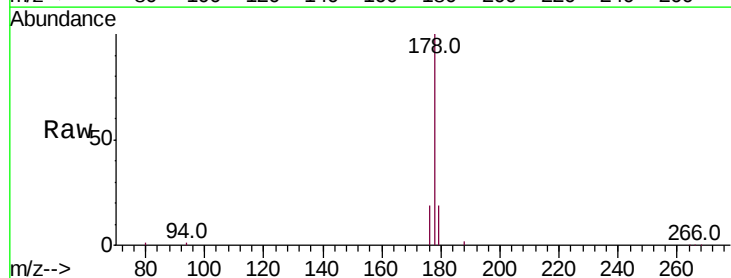
Tgt Ion:178 Resp: 155875

Ion Ratio Lower Upper

178 100

179 18.7 12.9 19.3

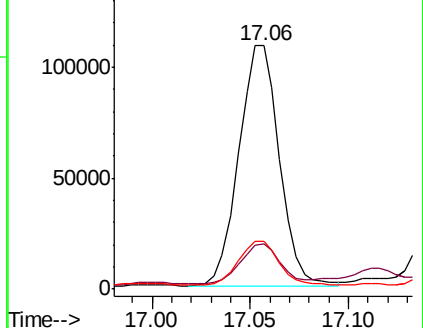
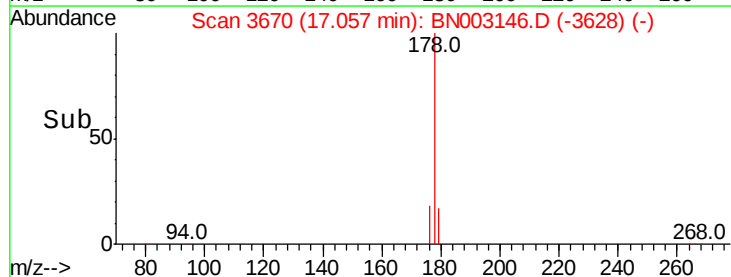
176 19.4 15.4 23.2

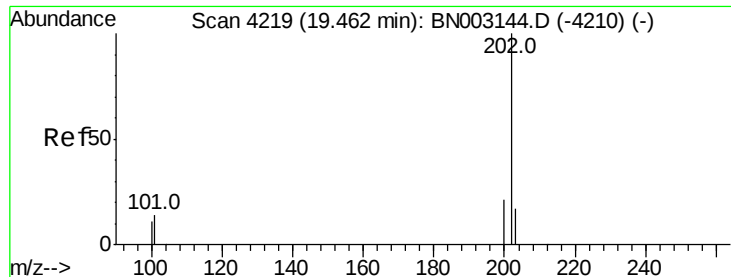


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

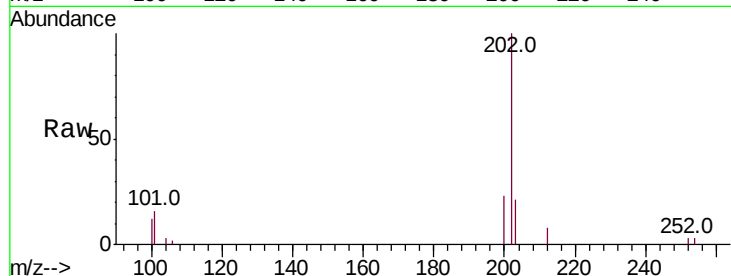




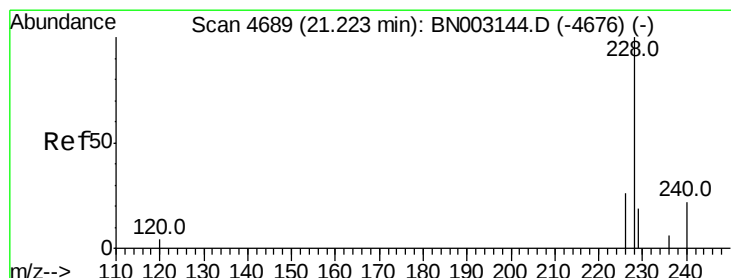
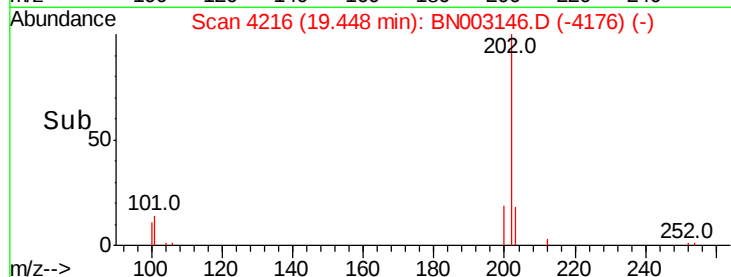
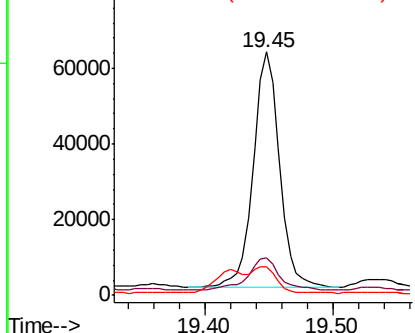
#17
Pvrene
Concen: 14.893 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 88151
Ion Ratio Lower Upper
202 100
101 15.5 11.9 17.9
100 11.8 9.9 14.9

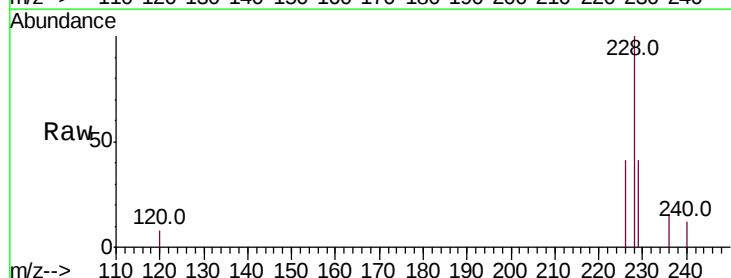


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

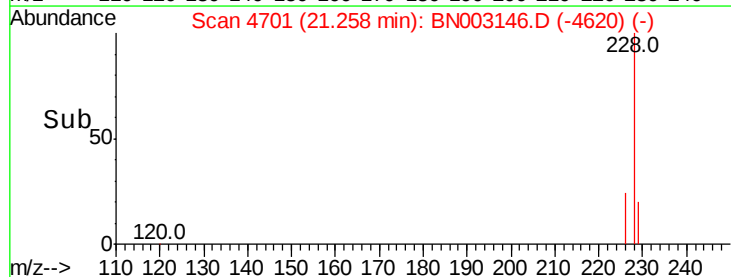
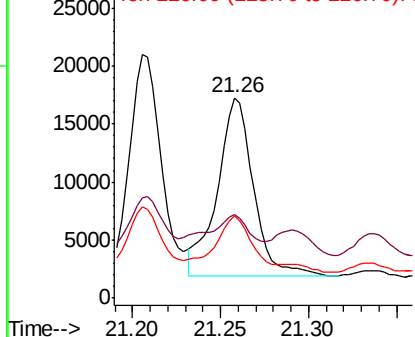


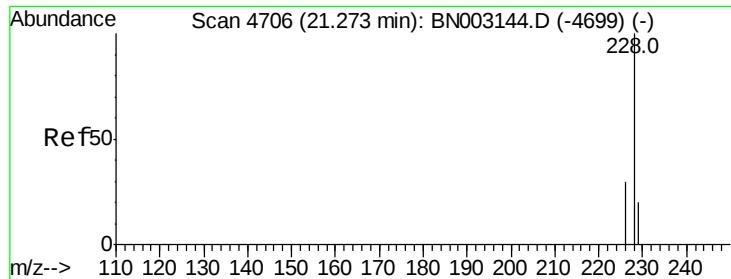
#18
Benzo(a)anthracene
Concen: 4.447 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. 0.04 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:228 Resp: 21809
Ion Ratio Lower Upper
228 100
229 41.5 16.2 24.2#
226 41.0 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: 0.139 ng/ul

RT: 21.34 min Scan# 4728

Delta R.T. 0.06 min

Lab File: BN003146.D

Acq: 12 Oct 2018 19:15

Instrument :

BNA_N

ClientSampleId :

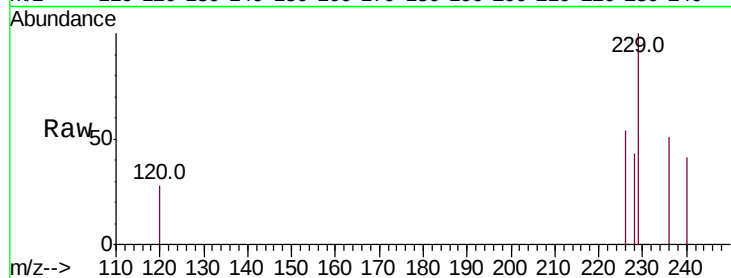
Tot Ion:228 Resp: 691

Ion Ratio Lower Upper

228 100

226 125.4 24.2 36.4#

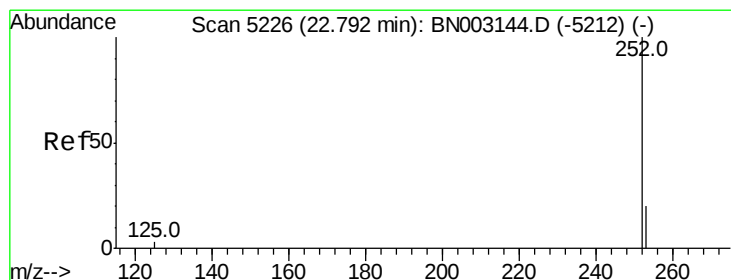
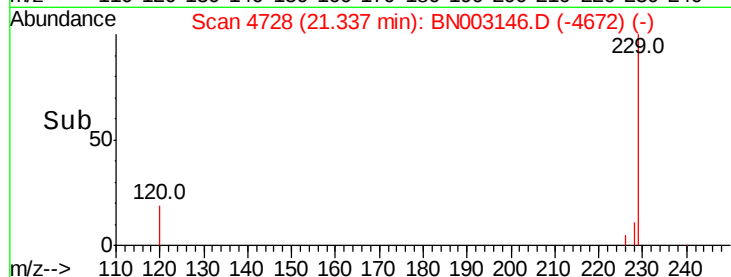
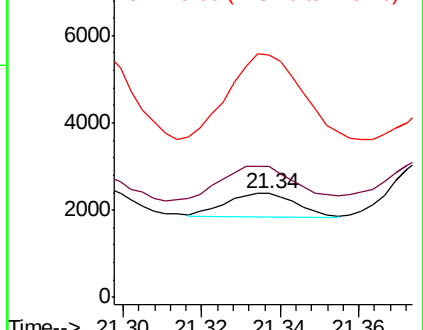
229 233.1 16.7 25.1#



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: 11.538 ng/ul

RT: 22.78 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN003146.D

Acq: 12 Oct 2018 19:15

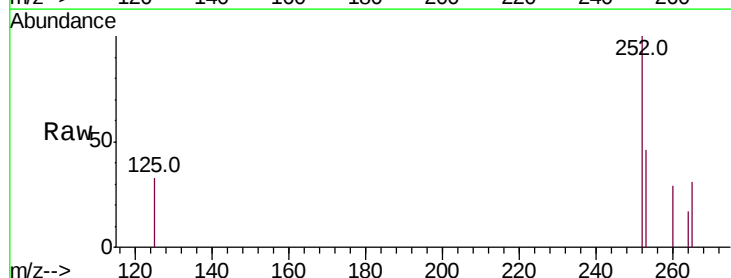
Tgt Ion:252 Resp: 12092

Ion Ratio Lower Upper

252 100

253 45.5 0.0 53.2

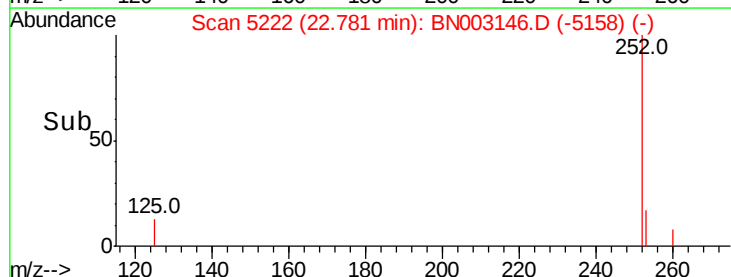
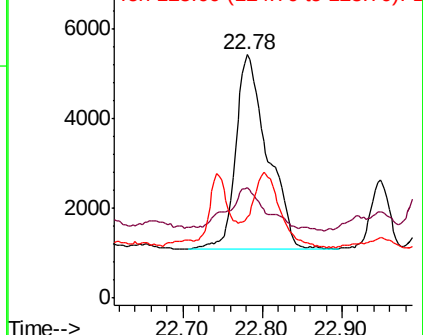
125 33.4 0.0 34.2

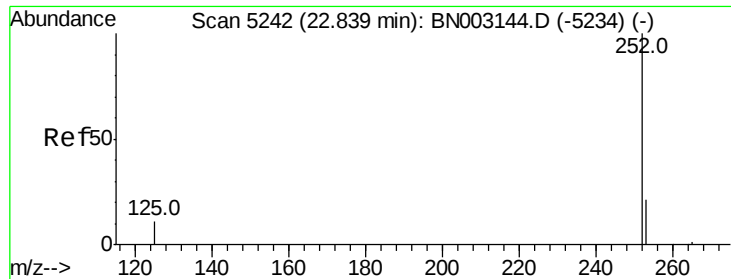


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.375 ng/ul

RT: 22.95 min Scan# 5279

Delta R.T. 0.11 min

Lab File: BN003146.D

Acq: 12 Oct 2018 19:15

Instrument :

BNA_N

ClientSampled :

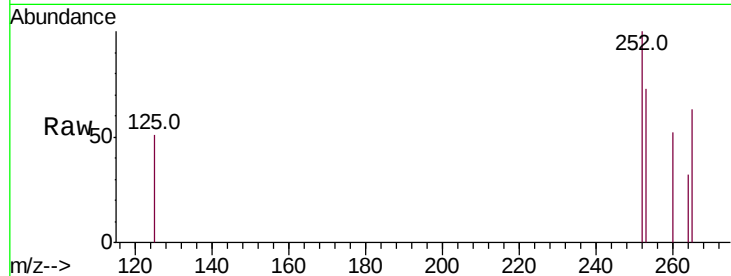
Tot Ion:252 Resp: 2580

Ion Ratio Lower Upper

252 100

253 72.7 21.3 31.9#

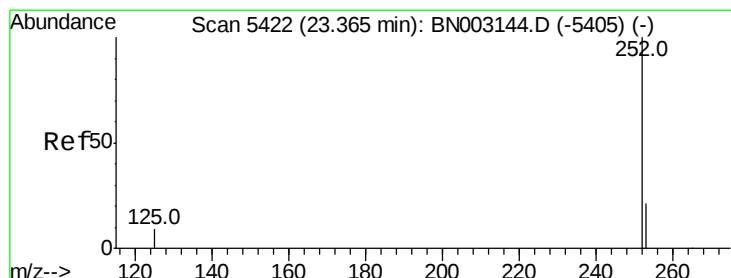
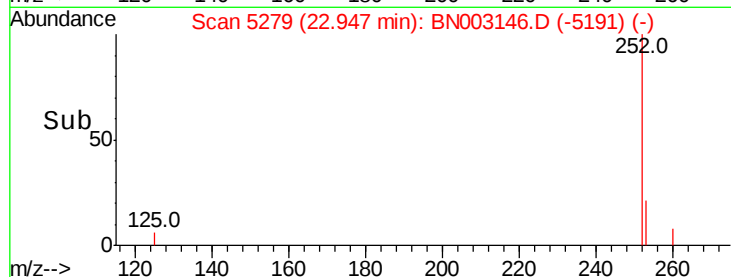
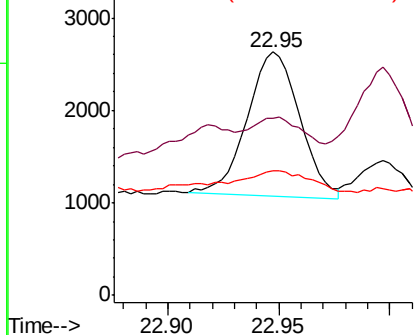
125 51.2 14.1 21.1#



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: 2.592 ng/ul

RT: 23.48 min Scan# 5462

Delta R.T. 0.12 min

Lab File: BN003146.D

Acq: 12 Oct 2018 19:15

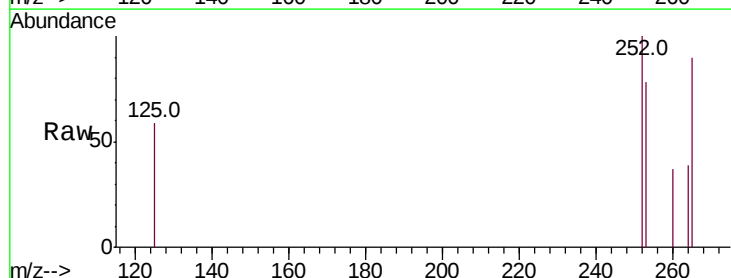
Tgt Ion:252 Resp: 2434

Ion Ratio Lower Upper

252 100

253 78.1 23.1 34.7#

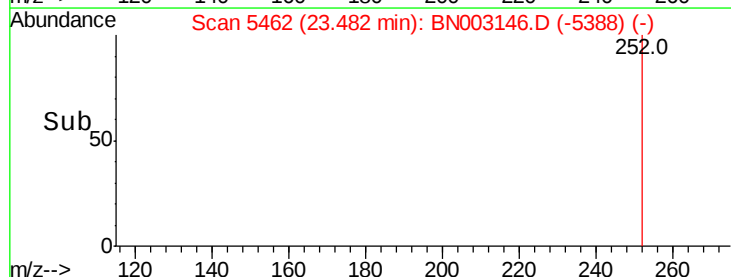
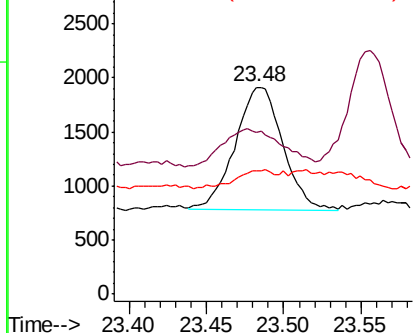
125 59.5 16.9 25.3#

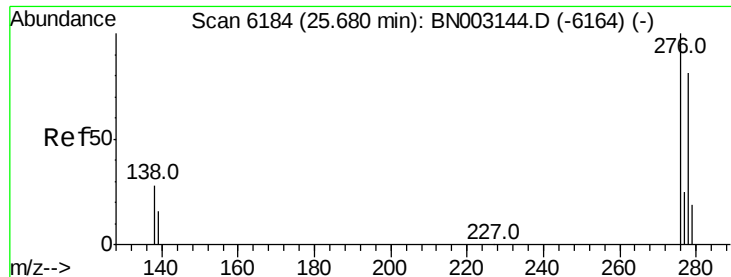


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



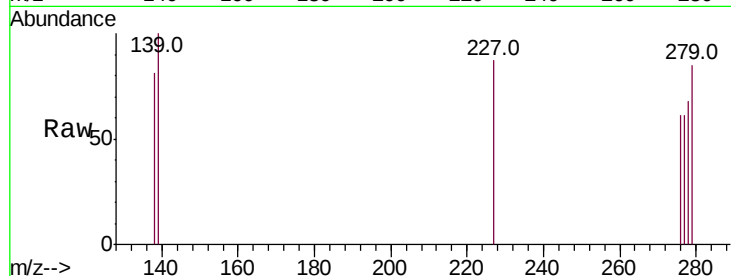


#24

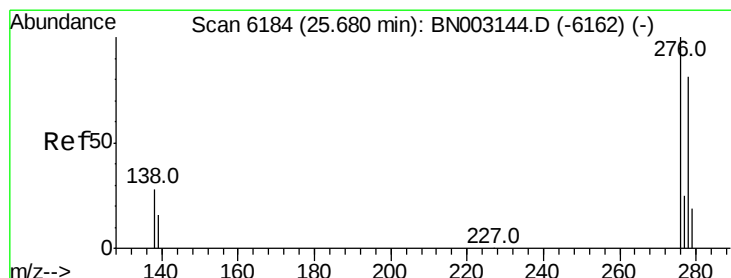
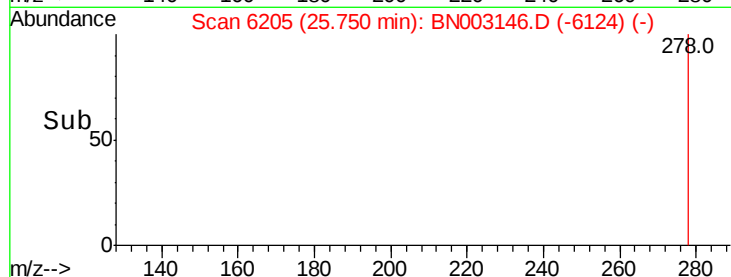
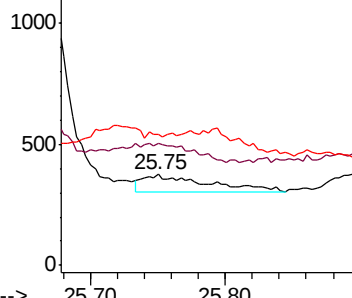
Indeno(1,2,3-cd)pyrene
Concen: 0.217 ng/ul
RT: 25.75 min Scan# 6205
Delta R.T. 0.07 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 234
Ion Ratio Lower Upper
276 100
138 0.0 21.5 32.3#
227 0.0 0.3 0.5#



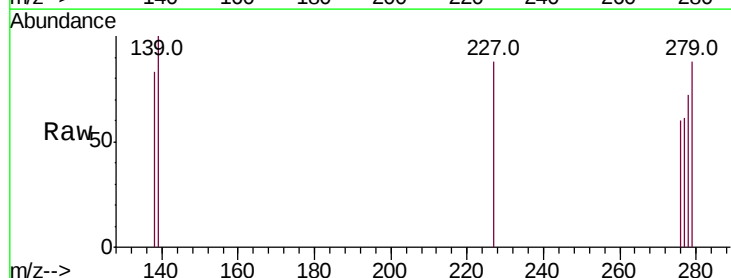
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



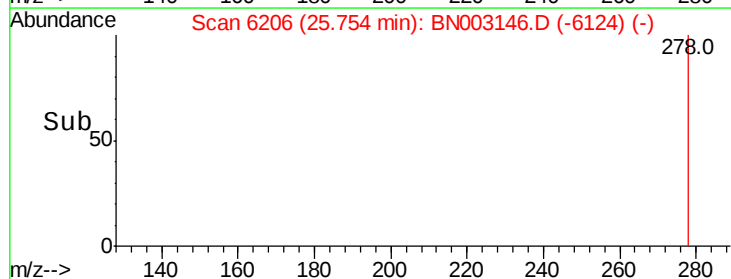
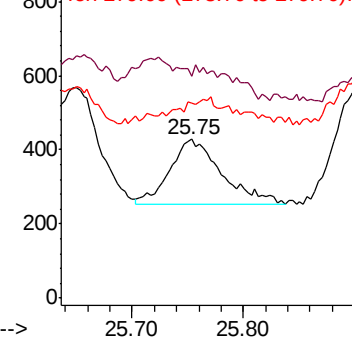
#25

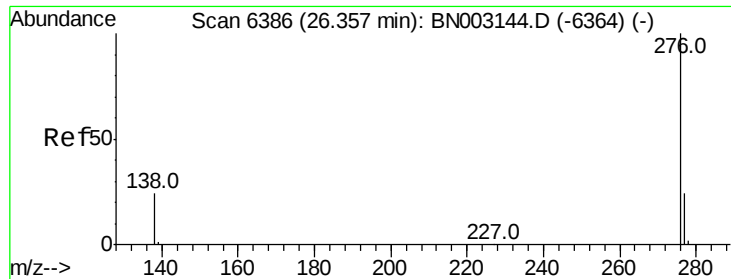
Dibenzo(a,h)anthracene
Concen: 0.647 ng/ul
RT: 25.75 min Scan# 6206
Delta R.T. 0.07 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:278 Resp: 559
Ion Ratio Lower Upper
278 100
139 139.6 20.2 30.4#
279 122.8 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(a,h,i)perylene

Concen: 0.267 ng/ul

RT: 26.55 min Scan# 6443

Delta R.T. 0.19 min

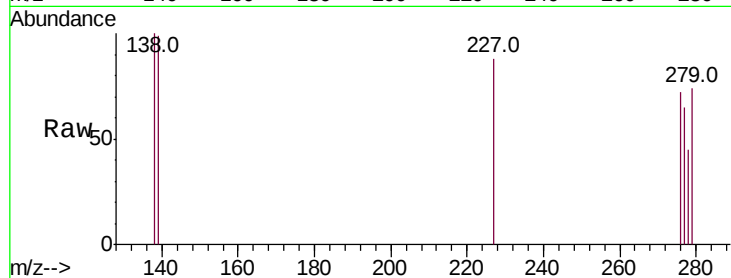
Lab File: BN003146.D

Acq: 12 Oct 2018 19:15

Instrument :

BNA_N

ClientSampleId :



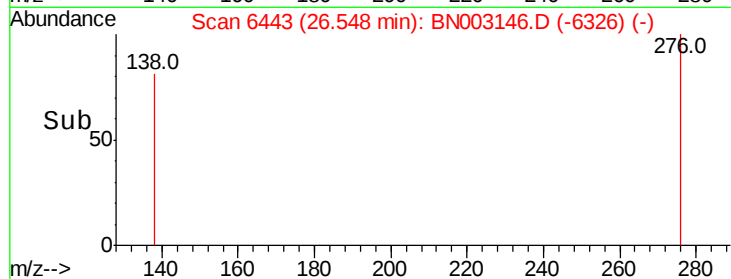
Tot Ion: 276 Resp: 243

Ion Ratio Lower Upper

276 100

138 139.0 23.0 34.4#

277 90.8 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

